

CITY OF BRISTOL FIRE CODE RENOVATIONS BRISTOL MUNICIPAL FIREHOUSES

181 North Main Street

Church Avenue

5 Mix Avenue

Vincent P. Kelly Road

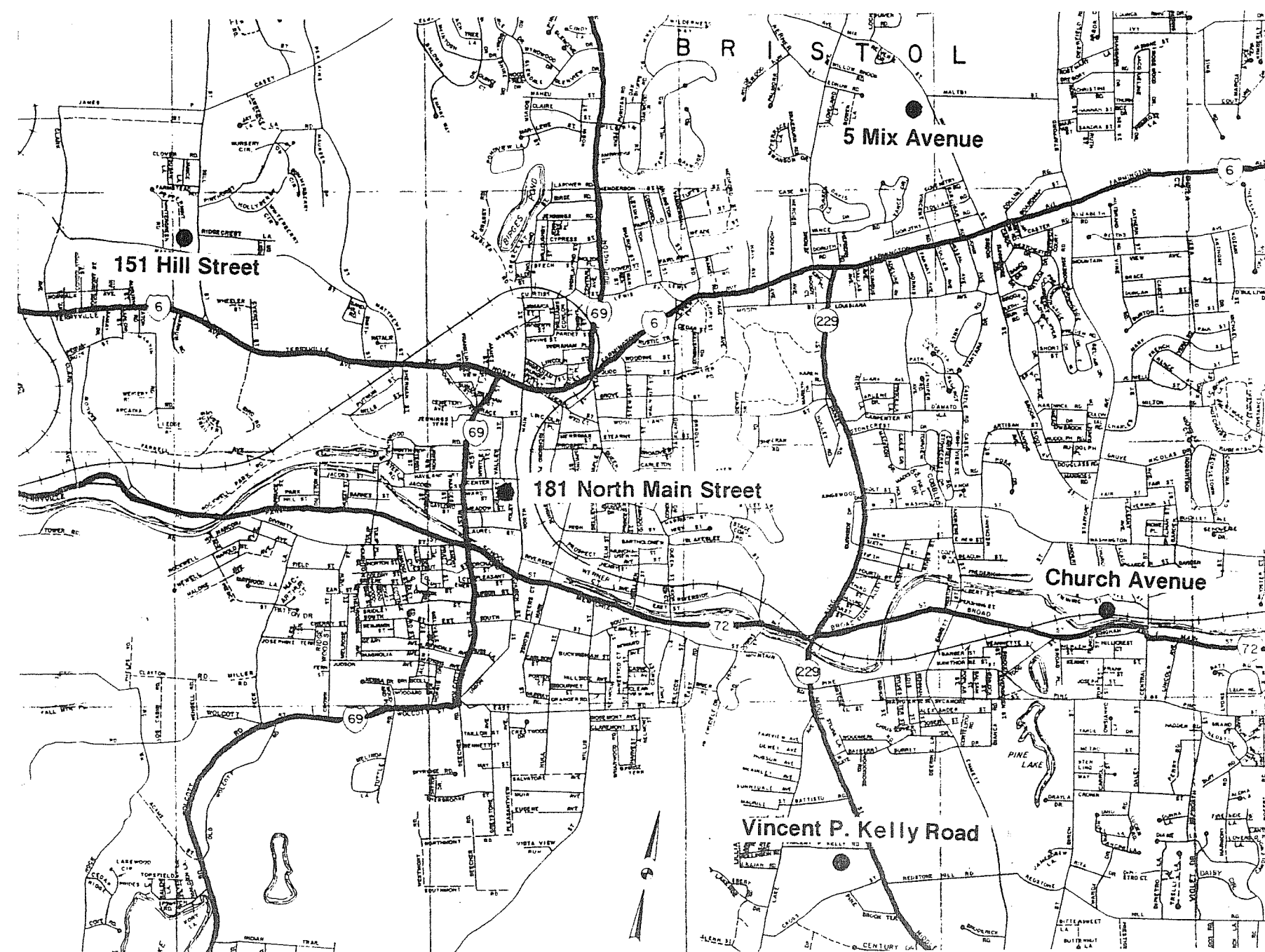
151 Hill Street

Bristol, Connecticut

**ARCHITECT: Baily & Johnson Architects
56 Forest Hills Drive
Farmington, CT 06032**

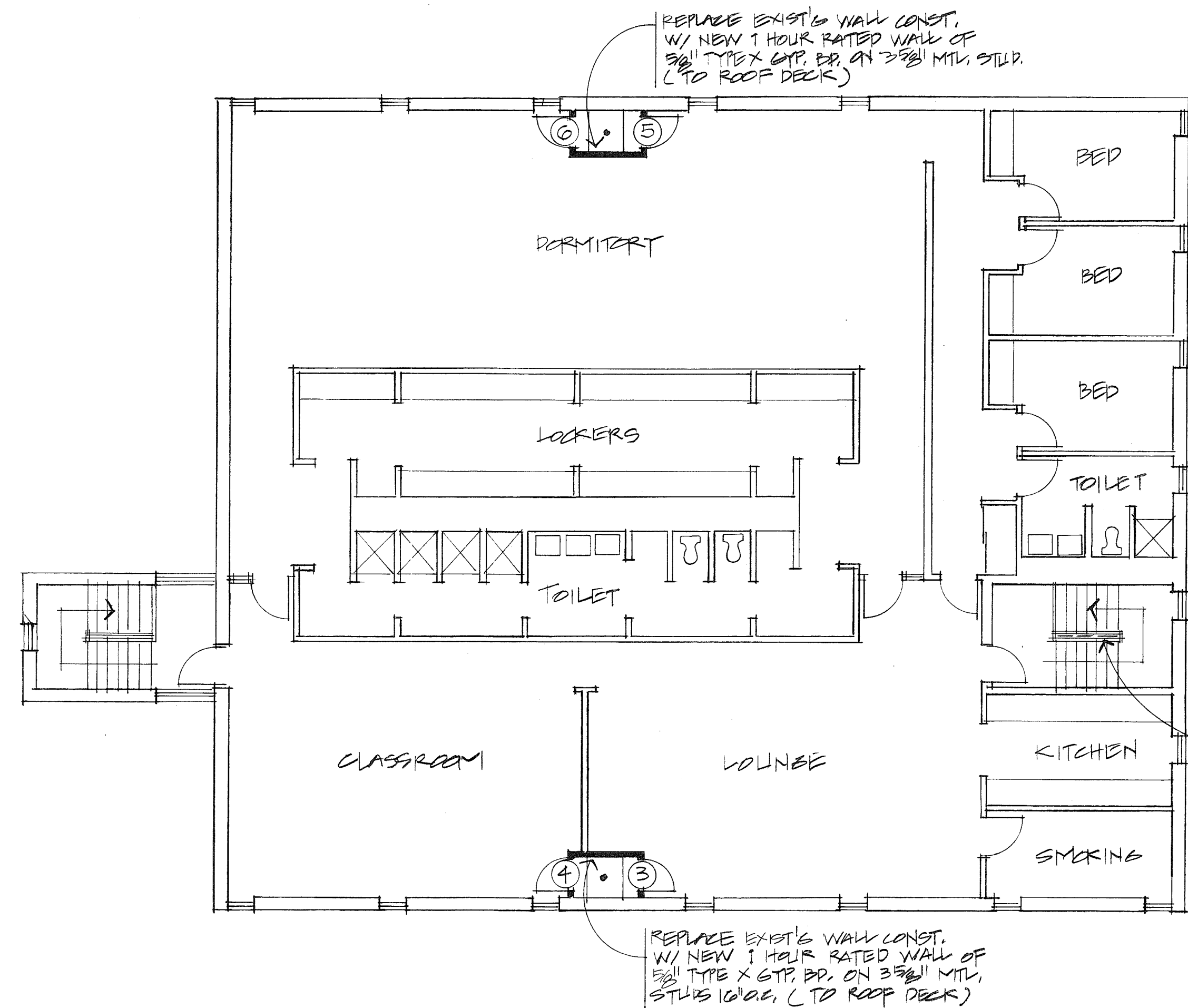
**ENGINEER: Consulting Engineering Svc.
10 Bluff Avenue
Clinton, CT 06414**

LOCATION MAP

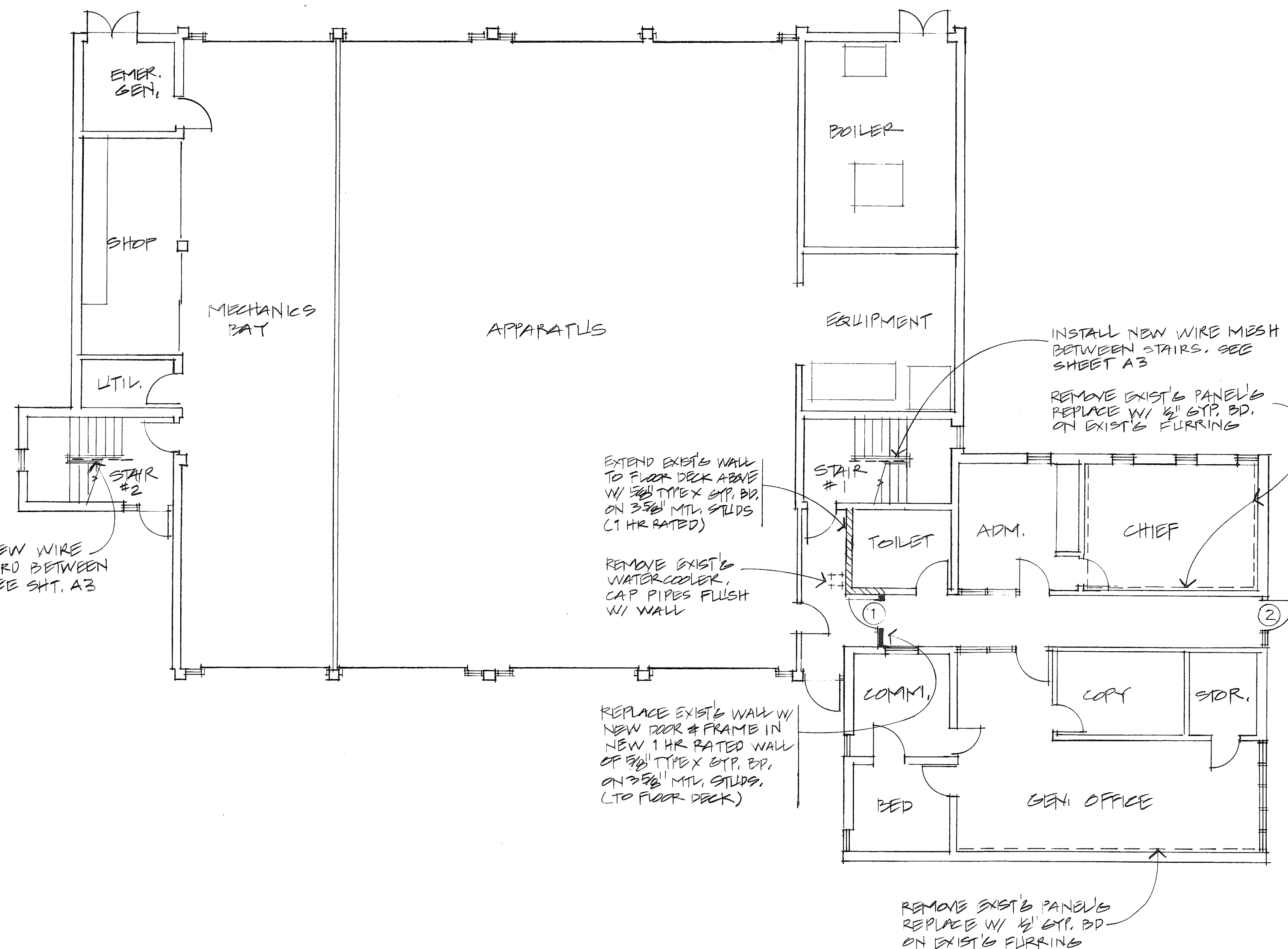


LIST OF DRAWINGS

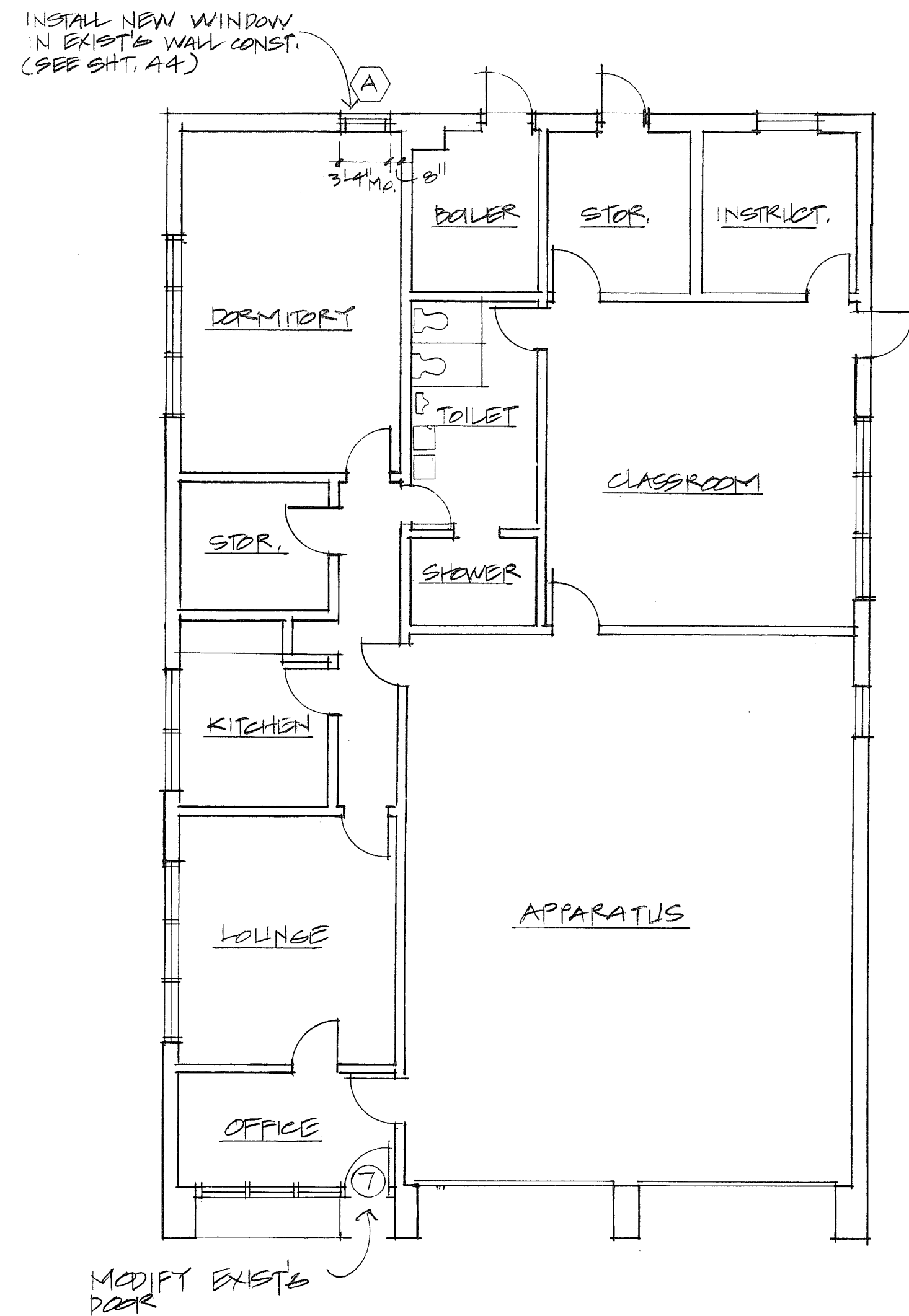
- A1 First & Second Floor Plans:
181 N. Main Street**
- A2 Floor Plans: 5 Mix Street and Vincent P.
Kelly Road**
- A3 Floor Plan: 151 Hill Street
New Guards at Stair #1 and #2**
- A4 Door and Frame Schedule and Details**
- E1 Electrical Details**
- E2 First & Second Floor Plans:
181 North Main Street**
- E3 Floor Plans:
Vincent P. Kelly Road and 5 Mix Street**
- E4 Floor Plans 151 Hill St. and 83 Church Ave**



Second Floor Plan
1/8" = 1'-0"



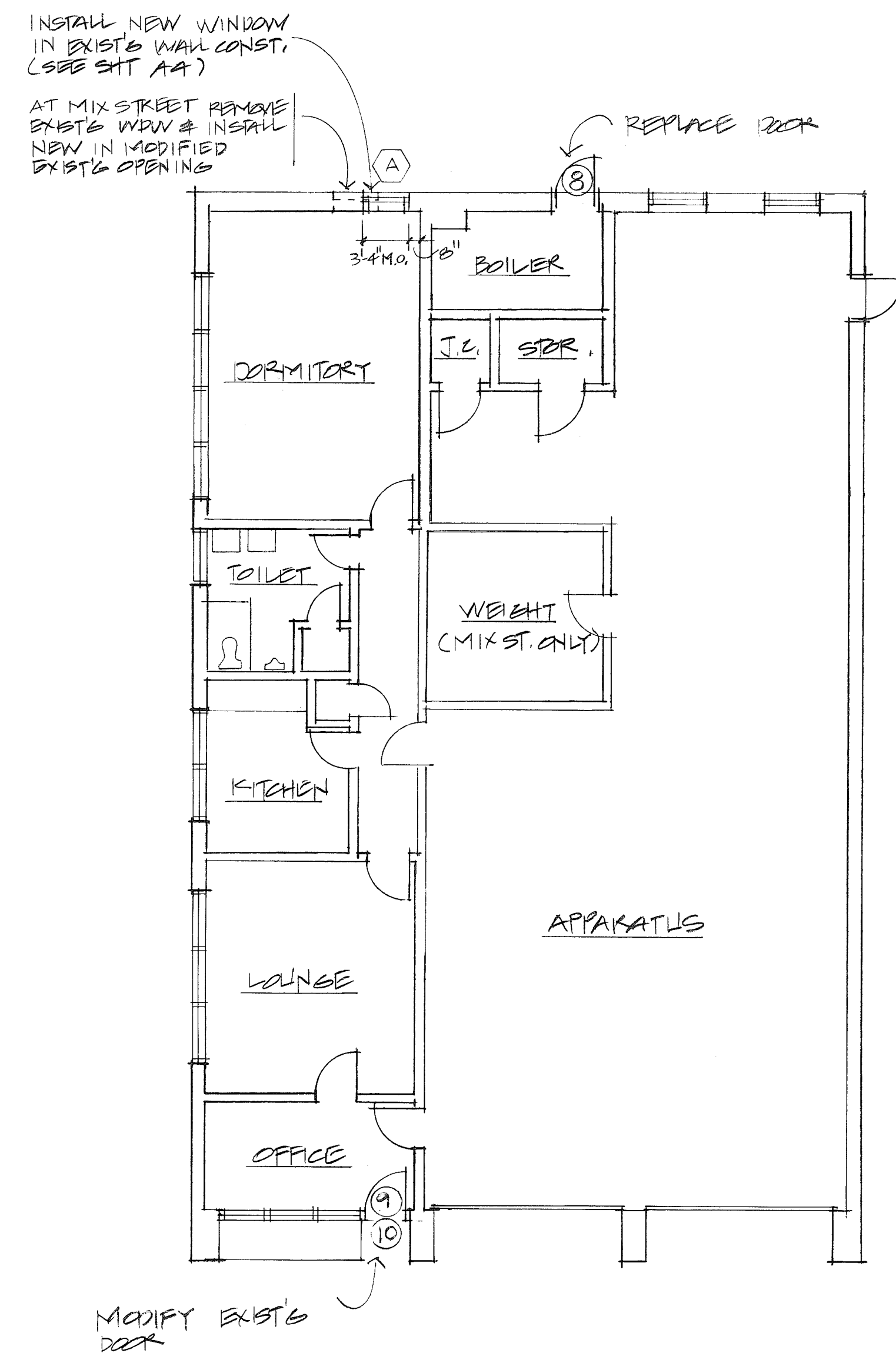
First Floor Plan
1/8" = 1'-0"



Vincent P. Kelly Rd.

Floor Plan

1/8" = 1'-0"



5 Mix St. & 83 Church Ave.

Floor Plan

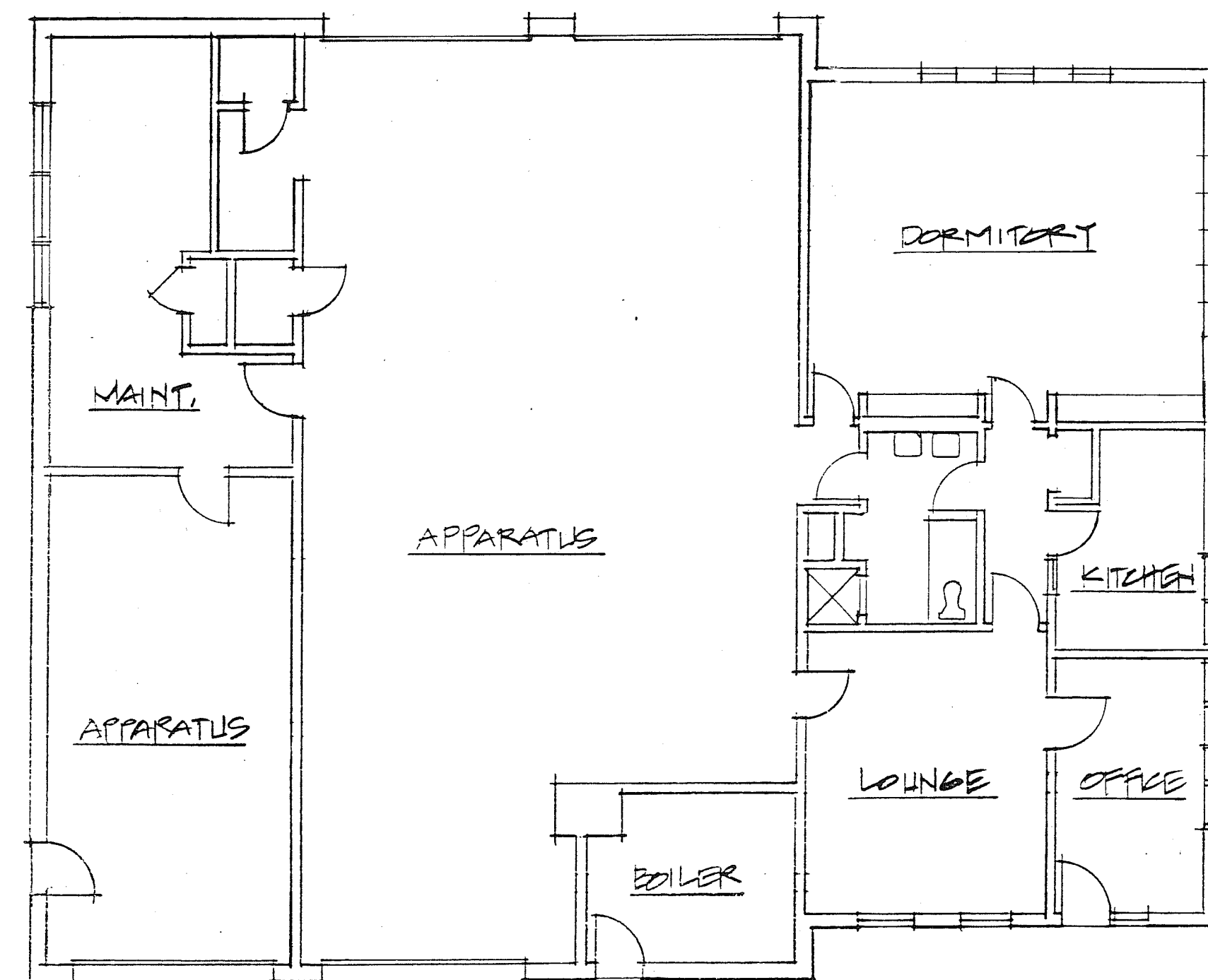
1/8" = 1'-0"

**FIRE CODE RENOVATIONS
BRISTOL MUNICIPAL FIREHOUSES
BRISTOL, CONNECTICUT**

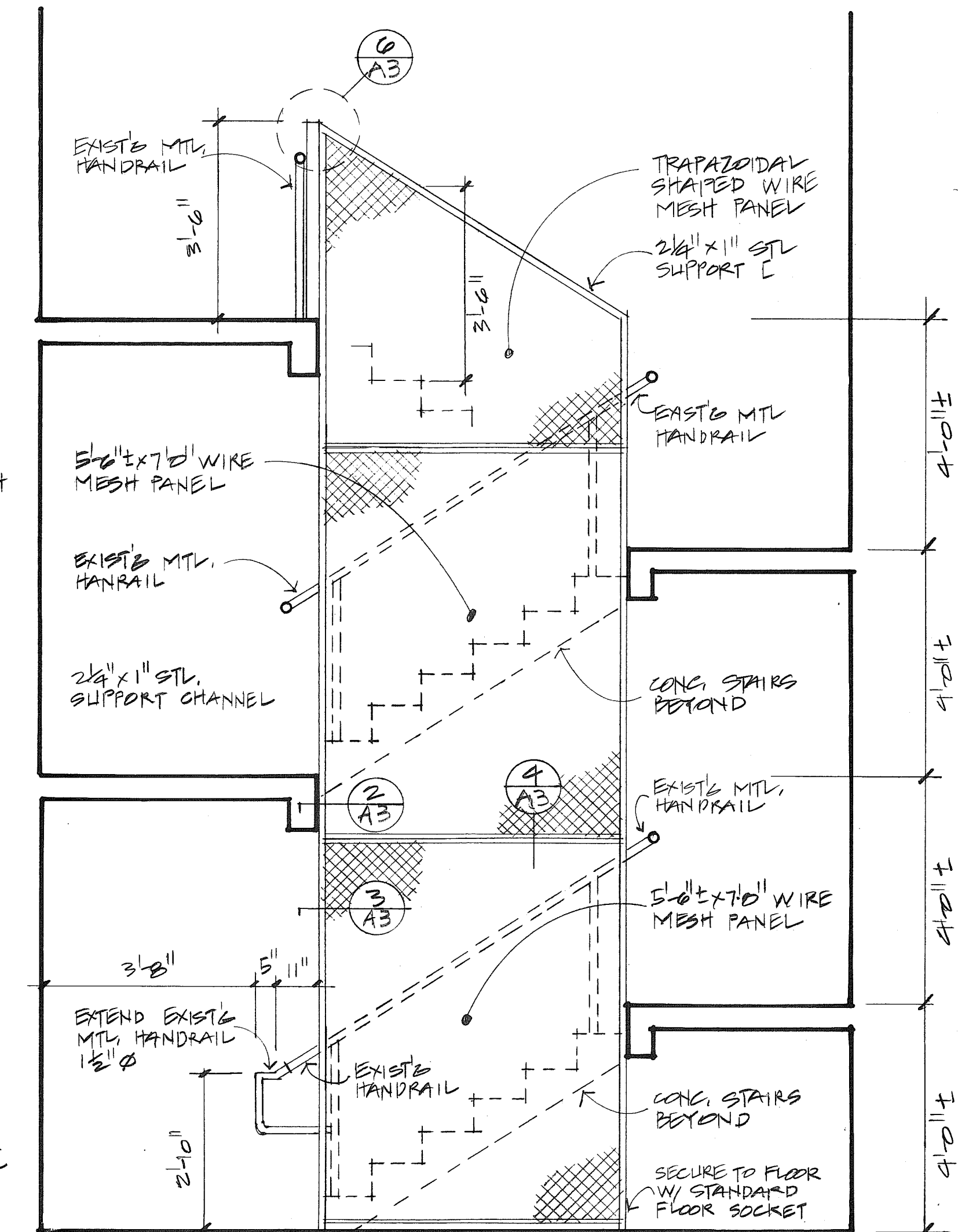
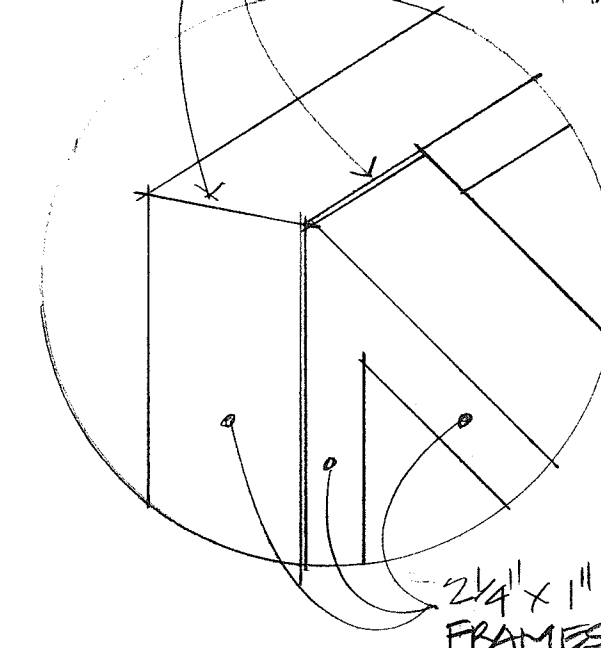
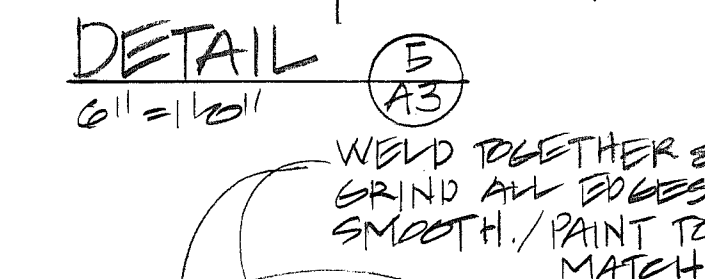
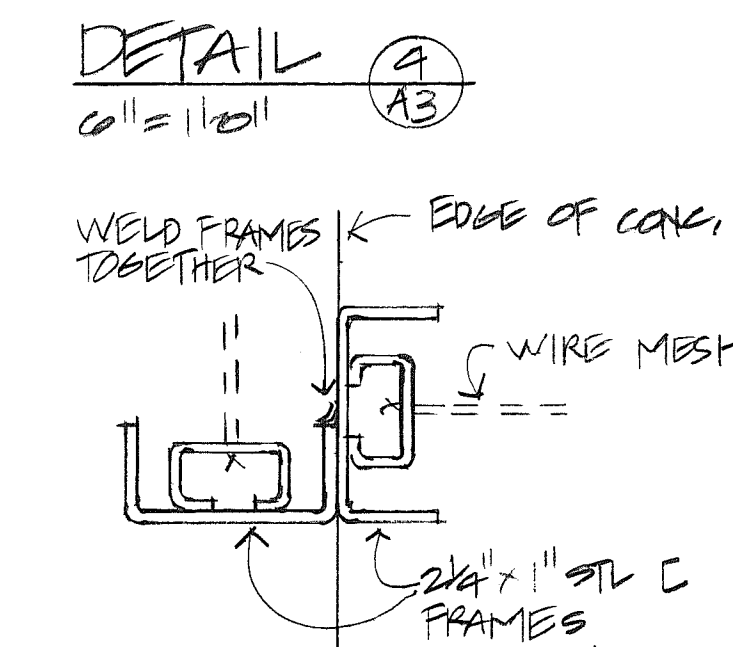
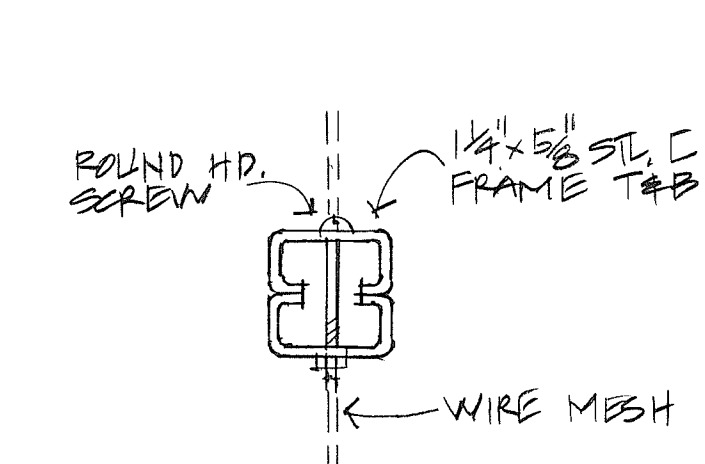
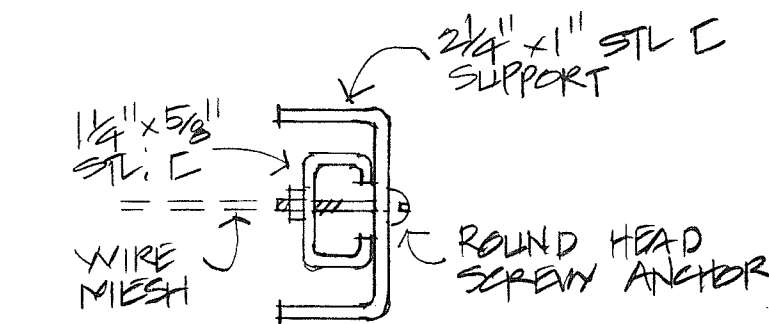
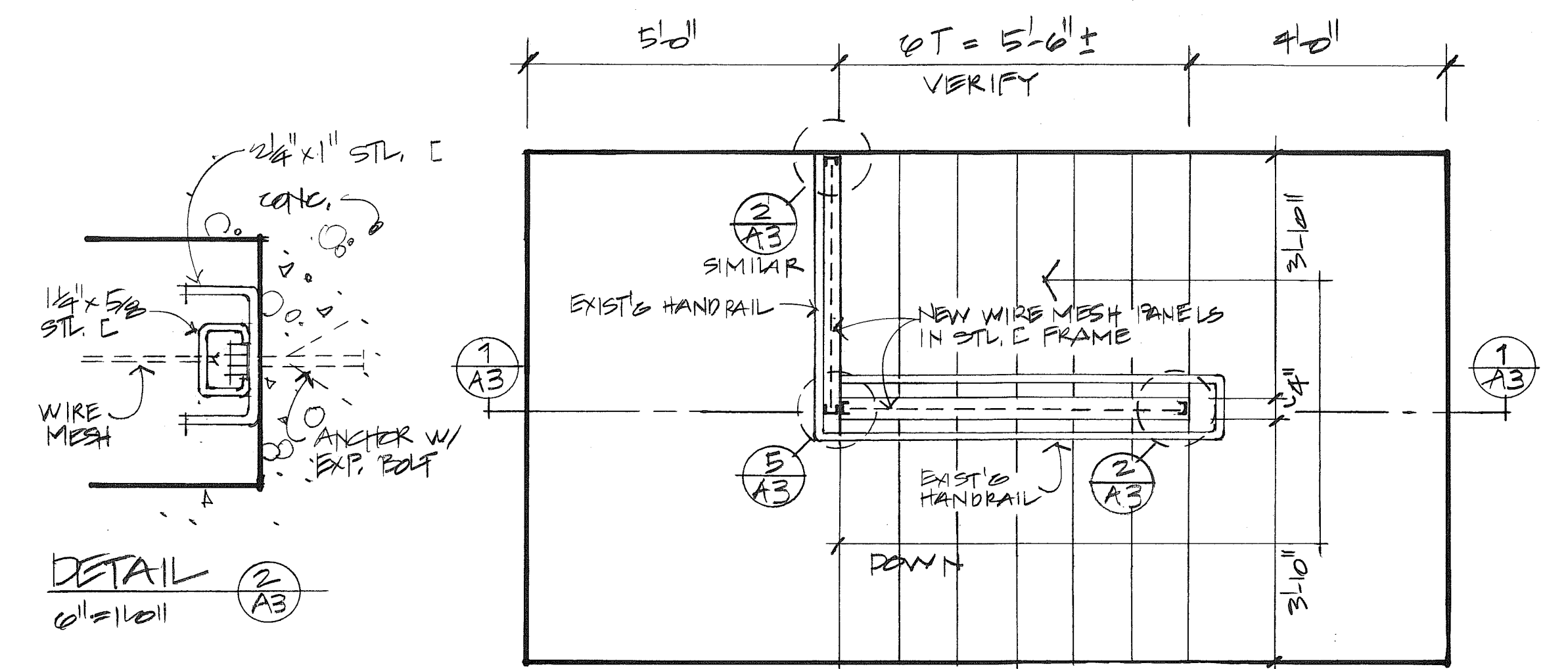
FIRST FLOOR PLANS
83 CHURCH ST.
5 MIX STREET
VINCENT P. KELLY RD.

8.19.96

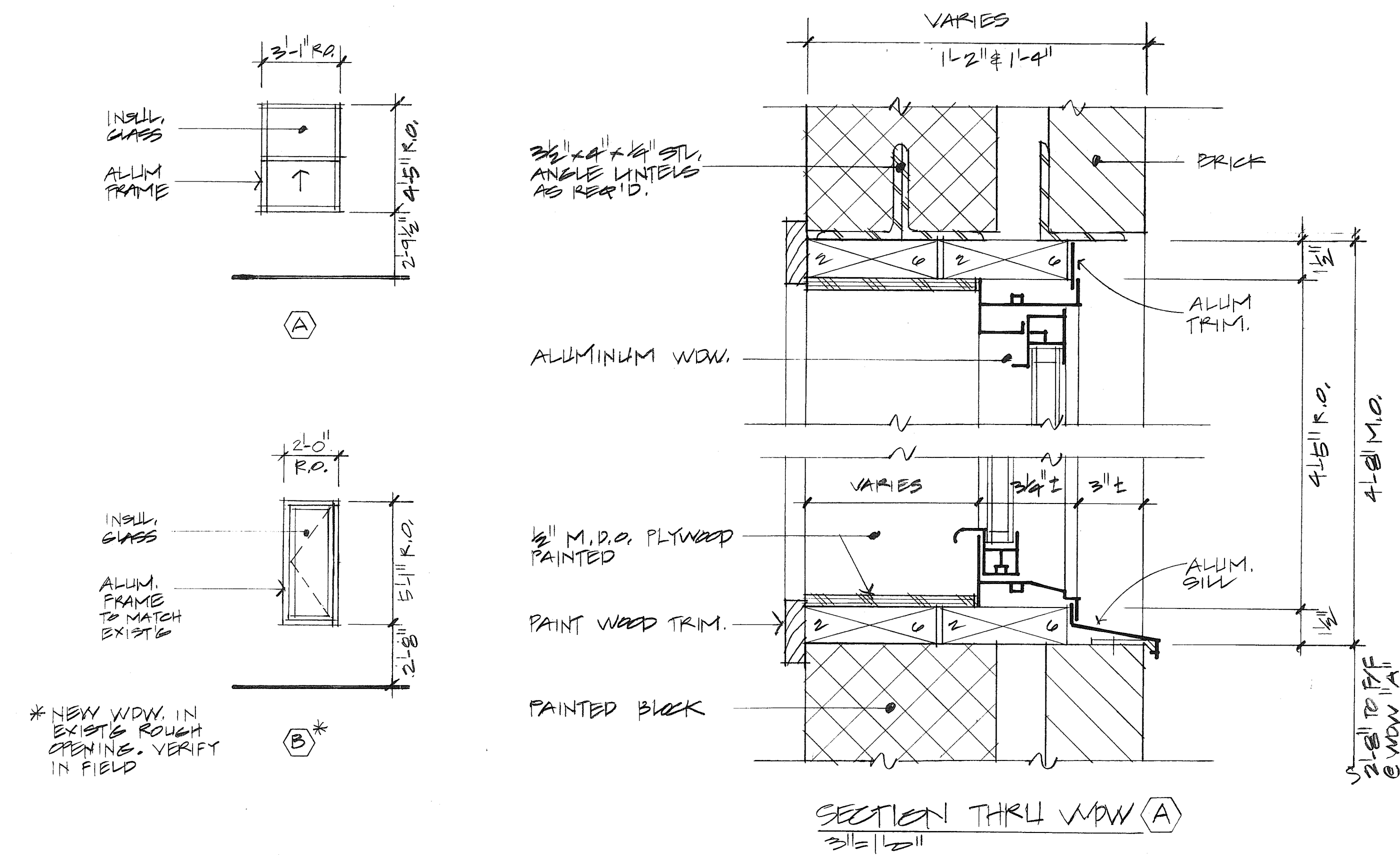
A2



REPLACE EXIST'G WINDOW
W/ NEW ALUM. CASEMENT
WDW. THAT MEETS EMERG.
EGRESS REQUIREMENTS



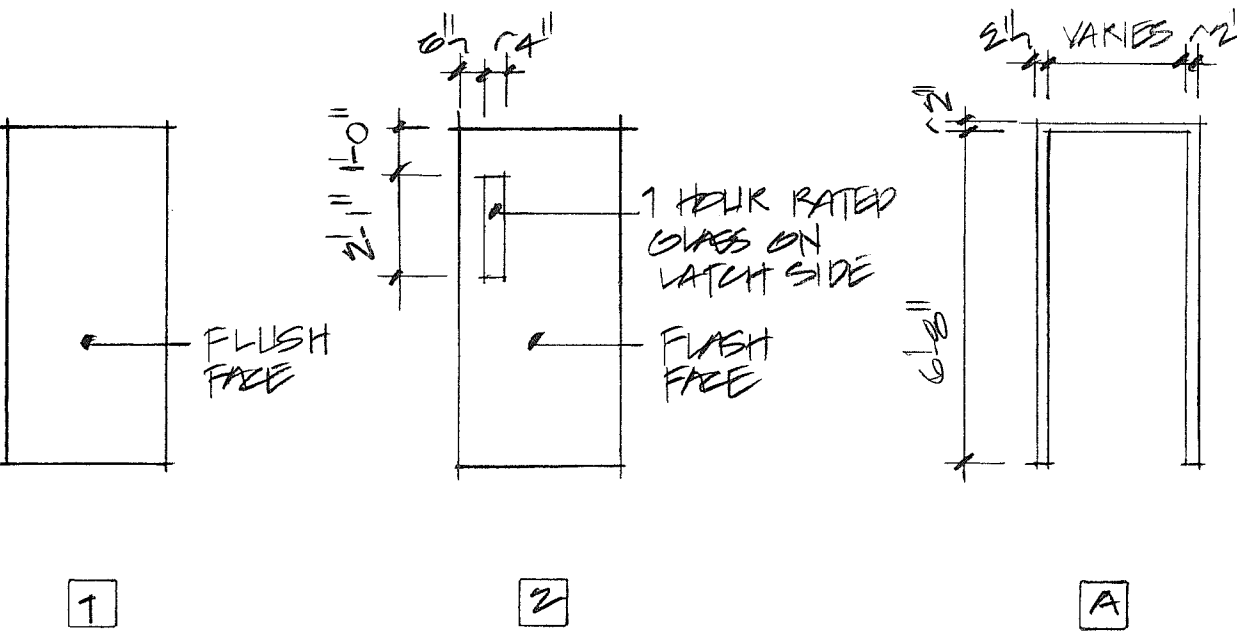
New Guards at Stair #1 & #2



Window Elevations & Section

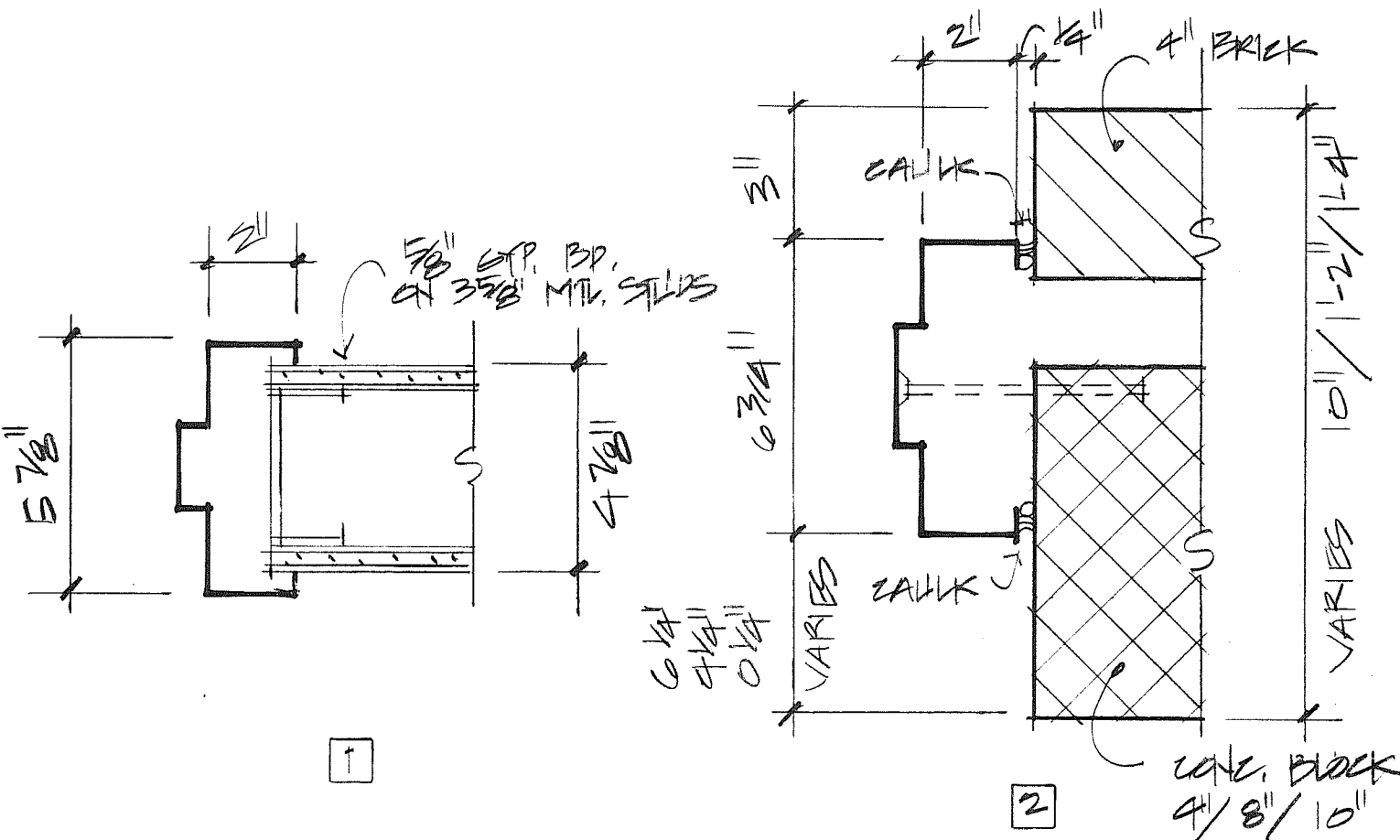
NUMBER	DOOR						FRAME					FIRE RATINGS IN MINUTES	HARDWARE FUNCTION	REMARKS
	NEW	EXIST'G	SIZE	MATERIAL	ELEV.	FINISH	NEW	EXIST'G	MATERIAL	ELEV.	DETAIL			
1	●		3'-0" x 6'-8" x 1 3/4"	WOOD	2	NATURAL	●		H. MTL.	A	1	60	PASSAGE	
2		●						●					ENTRANCE	NEW LOCKSET
3	●		2'-0" x 6'-8" x 1 3/4"	WOOD	2	NATURAL	●		H. MTL.	A	1	60	PASSAGE	
4	●		2'-0" x 6'-8" x 1 3/4"	WOOD	2	NATURAL	●		H. MTL.	A	1	60	PASSAGE	
5	●		2'-0" x 6'-8" x 1 3/4"	WOOD	2	NATURAL	●		H. MTL.	A	1	60	PASSAGE	
6	●		2'-0" x 6'-8" x 1 3/4"	WOOD	2	NATURAL	●		H. MTL.	A	1	60	PASSAGE	
7		●						●					ENTRANCE	NEW LOCKSET
8	●		3'-0" x 6'-8" x 1 3/4"	WOOD	1	PAINT		●						REMOVE EXIST'G HARDWARE
9		●						●					ENTRANCE	NEW LOCKSET
10		●						●					ENTRANCE	NEW LOCKSET

NOTE: 1. CONTRACTOR TO VERIFY EXIST'G CONDITIONS
2. KEYING TO MATCH EXIST'G



Door Elev.

Frame Elev.



Frame Details

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ELECTRICAL GENERAL NOTES

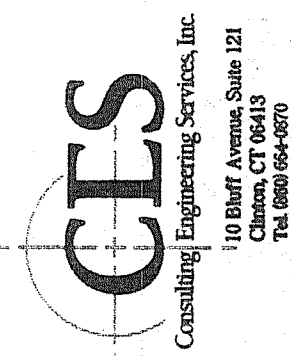
1. PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT AND LABOR NECESSARY TO COMPLETE THE WORK OUTLINED ON THESE CONTRACT DOCUMENTS. THE CONTRACTOR IS TO NOTE THAT THESE DOCUMENTS ARE DIAGRAMMATIC ONLY AND THAT FINAL PLACEMENT OF EQUIPMENT OR DEVICES IN THE FIELD MAY NOT DIRECTLY CORRESPOND TO THAT IN WHICH IS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER IMMEDIATELY TO ASCERTAIN WHAT THE INTENT WAS BY THE DESIGN PROFESSIONAL.
2. PROVIDE ALL NECESSARY JUNCTION BOXES, PULL BOXES, PULL WIRES, COVER PLATES AND OTHER MISCELLANEOUS EQUIPMENT WHICH IS NOT SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY TO COMPLETE THE WORK.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST STATE OF CONNECTICUT ACCEPTED REVISION OF THE NATIONAL ELECTRIC CODE (NEC), NFPA 70, BOCA AND THE NFPA 101 LIFE SAFETY CODE.
4. THE FOLLOWING DEFINITIONS APPLY TO THIS CONTRACT:
 - A. FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."
 - B. INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS.
 - C. PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."
 - D. REMOVE: THE TERM "REMOVE" MEANS "TO DISCONNECT FROM ITS PRESENT POSITION, REMOVE FROM THE PREMISES AND TO DISPOSE OF IN A LEGAL MANNER."
5. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND BEING AVAILABLE FOR INSPECTIONS BY THE AUTHORITY HAVING JURISDICTION.
6. SUPPLY TO THE OWNER AN OFFICIAL CERTIFICATE OF INSURANCE FOR THEIR RECORDS.
7. CONDUCTORS NO. 8 AWG AND LARGER DIAMETER SHALL BE STRANDED ANNEALED COPPER. CONDUCTORS NO. 10 AWG AND SMALLER DIAMETER SHALL BE SOLID ANNEALED COPPER, EXCEPT THAT CONDUCTORS FOR REMOTE CONTROL ALARM AND SIGNAL CIRCUITS, CLASSES 1, 2, AND 3, SHALL BE STRANDED UNLESS SPECIFICALLY INDICATED OTHERWISE. CONDUCTOR SIZES AND AMPACITIES SHOWN ARE BASED ON COPPER UNLESS INDICATED OTHERWISE. UNLESS SPECIFIED OR INDICATED OTHERWISE OR REQUIRED BY NFPA 70, POWER AND LIGHTING WIRES SHALL BE 600-VOLT, TYPE THWN/THHN ANNEALED COPPER, REMOTE-CONTROL AND SIGNAL CIRCUITS SHALL BE TYPE TW, THW, OR TF ANNEALED COPPER. WHERE LIGHTING FIXTURES REQUIRE 90 DEGREE C CONDUCTORS, PROVIDE ONLY CONDUCTORS WITH 90 DEGREE C INSULATION OR BETTER.
8. PHASE CONDUCTORS SHALL BE IDENTIFIED BY COLOR CODING. THE COLOR OF THE INSULATION ON PHASES A, B, AND C RESPECTIVELY (FOR THREE PHASE) OR PHASES A AND B RESPECTIVELY (FOR SINGLE PHASE) OF DIFFERENT VOLTAGE SYSTEMS SHALL BE AS FOLLOWS: 120/208 VOLT, 3-PHASE: BLACK, RED, AND BLUE. AS REQUIRED BY NFPA 70.
9. UNLESS OTHERWISE INDICATED, THE WIRING METHOD SHALL CONSIST OF THE INSTALLATION OF INSULATED CONDUCTORS INSTALLED IN ELECTRICAL METALLIC TUBING. METALLIC-ARMORED CABLES MAY BE INSTALLED IN GYPSUM BOARD WALL, ABOVE FINISHED CEILINGS AND IN PROTECTED AREAS AS PERMITTED BY NFPA 70. PROVIDE INSULATED, GREEN EQUIPMENT GROUNDING CONDUCTOR IN FEEDER AND BRANCH CIRCUITS, INSTALLED IN CONDUIT OR RACEWAYS, INCLUDING LIGHTING CIRCUITS. GROUNDING CONDUCTOR SHALL BE SEPARATE FROM ELECTRICAL SYSTEM NEUTRAL CONDUCTOR. METAL CONDUIT SHALL EXTEND THROUGH SHAFTS FOR MINIMUM DISTANCE OF 6 INCHES. CONDUIT SIZES SHOWN ARE BASED ON USE OF COPPER CONDUCTORS WITH INSULATION TYPES AS INDICATED HEREIN. IF THE USE OF ALUMINUM CONDUCTORS IS ALLOWED, THE CONTRACTOR SHALL UPSIZE ALL CONDUITS ACCORDING TO NFPA 70. MINIMUM SIZE OF RACEWAYS SHALL BE 15 MM (1/2 INCH). ONLY METAL CONDUITS WILL BE PERMITTED WHEN CONDUITS ARE REQUIRED FOR SHIELDING OR OTHER SPECIAL PURPOSES INDICATED, OR WHEN REQUIRED BY CONFORMANCE TO NFPA 70.
10. ELECTRICAL METALLIC TUBING MAY BE INSTALLED ONLY WITHIN BUILDINGS. ELECTRICAL METALLIC TUBING MAY NOT BE INSTALLED IN CONCRETE OR EXTERIOR TO BUILDINGS. ENT SHALL NOT BE INSTALLED IN DAMP OR WET LOCATIONS. DO NOT USE IN AREAS SUBJECT TO SEVERE PHYSICAL DAMAGE INCLUDING BUT NOT LIMITED TO EQUIPMENT ROOMS WHERE MOVING OR REPLACING EQUIPMENT COULD PHYSICALLY DAMAGE THE ENT. BUSHINGS, MANUFACTURED FITTINGS OR BOXES PROVIDING EQUIVALENT MEANS OF PROTECTION SHALL BE INSTALLED ON THE ENDS OF ALL CONDUITS AND SHALL BE OF THE INSULATING TYPE, WHERE REQUIRED BY NFPA 70. ONLY UL LISTED ADAPTERS SHALL BE USED TO CONNECT ENT TO RIGID METAL CONDUIT, CAST BOXES AND CONDUIT BODIES. DO NOT USE IN FIRE PUMP ROOMS. METALLIC CONDUITS AND TUBING SHALL BE SECURELY AND RIGIDLY FASTENED IN PLACE AS REQUIRED BY NFPA 70.
11. PROVIDE FIRESTOPPING AROUND ELECTRICAL PENETRATIONS IN ACCORDANCE WITH FIRESTOPPING REQUIREMENTS. PROVIDE ASBESTOS FREE FIRESTOPPING SYSTEM CAPABLE OF MAINTAINING AN EFFECTIVE BARRIER AGAINST FLAME AND GASES. SYSTEM SHALL BE UL LISTED AND COMPLY WITH ASTM E 814.
12. GROUNDING SHALL BE COMPLETED IN ACCORDANCE WITH NFPA 70. GROUND EXPOSED, NON-CURRENT-CARRYING METALLIC PARTS OF ELECTRICAL EQUIPMENT, METALLIC RACEWAY SYSTEMS, GROUNDING CONDUCTOR IN METALLIC AND NONMETALLIC RACEWAYS, GROUNDING CONDUCTOR OF NONMETALLIC SHEATHED CABLES, AND NEUTRAL CONDUCTOR OF WIRING SYSTEMS. MAKE GROUND CONNECTION AT MAIN SERVICE EQUIPMENT, AND EXTEND GROUNDING CONDUCTOR TO POINT OF ENTRANCE OF METALLIC WATER SERVICE. MAKE CONNECTION TO WATER PIPE BY SUITABLE GROUND CLAMP WITH METER JUMPER OR LUG CONNECTION TO PLUGGED TEE. IF FLANGED PIPES ARE ENCOUNTERED, MAKE CONNECTION WITH LUG BOLTED TO STREET SIDE OF FLANGED CONNECTION. SUPPLEMENT METALLIC WATER SERVICE GROUNDING SYSTEM WITH ADDITIONAL MADE ELECTRODE IN COMPLIANCE WITH NFPA 70 ENSURE THAT CONNECTION OF GROUND AND NEUTRAL DOES NOT INTERFERE WITH CORRECT OPERATION OF FAULT PROTECTION.
13. MAKE ALL SPLICES IN ACCESSIBLE LOCATIONS. MAKE SPLICES IN CONDUCTORS NO. 10 AWG AND SMALLER DIAMETER WITH INSULATED, PRESSURE-TYPE CONNECTOR. MAKE SPLICES IN CONDUCTORS NO. 8 AWG AND LARGER DIAMETER WITH SOLDERLESS CONNECTOR, AND COVER WITH INSULATION MATERIAL EQUIVALENT TO CONDUCTOR INSULATION.
14. PRIOR TO ORDERING ANY MATERIALS AND EQUIPMENT, THOROUGHLY REVIEW THE SITE CONDITIONS TO DETERMINE IF ADEQUATE CLEARANCE AND ACCESS IS ALLOWED TO INSTALL THE COMPONENTS. ORDER EQUIPMENT BROKEN DOWN AS NECESSARY TO ALLOW FOR PROPER HANDLING THROUGH THE PROJECT AREA. PROVIDE ALL NECESSARY ALTERATIONS TO THE STRUCTURE OF THE BUILDING AS NECESSARY TO RIG THE EQUIPMENT IN PLACE. CAREFULLY INSPECT ALL BUILDING ELEMENTS PRIOR TO CUTTING OR DRILLING INTO WALL, FLOORS OR CEILINGS.
15. THE CONTRACTOR SHALL BE REQUIRED TO PROPERLY STORE MATERIALS AND EQUIPMENT SO AS TO AVOID THEFT OR VANDALISM. IF THEFT OR VANDALISM OCCURS, THE CONTRACTOR SHALL REPAIR OR REPLACE SUCH ITEMS AT THE DIRECTION OF THE ENGINEER.
16. THE CONTRACTOR MUST COORDINATE ALL INTERRUPTIONS OF SERVICES AND LIMITATIONS OF ACCESS WITH THE OWNER NO LESS THAN 3 DAYS PRIOR TO THE INTERRUPTION.
17. CLEAN, PRIME AND PAINT ELECTRICAL EQUIPMENT AND THE EXPOSED PORTION OF THE CONDUIT SYSTEM TO MATCH THE FINISH OF THE ADJACENT SURFACES OR TO MEET THE INDICATED OR SPECIFIED SAFETY CRITERIA OR TO MEET THE COLOR SCHEME SET BY THE ARCHITECT. PAINTING SHALL BE AS SPECIFIED IN SECTION 09900, "PAINTING".
18. PROVIDE PRE-LABELED, SNAP AROUND PIPE MARKERS ON ALL CONDUITS. MARKERS SHALL COMPLY WITH ANSI A 13.1-1988 STANDARDS AND INDICATED VOLTAGE.

FIRE ALARM SYSTEM SPECIFICATION

- A. THIS SECTION OF THE SPECIFICATIONS INCLUDES THE FURNISHING, INSTALLATION, AND CONNECTION OF THE MICROPROCESSOR-CONTROLLED FIRE ALARM EQUIPMENT REQUIRED TO FORM A COMPLETE COORDINATED SYSTEM READY FOR OPERATION. IT SHALL INCLUDE, BUT NOT BE LIMITED TO, ALARM INITIATING DEVICES, ALARM NOTIFICATION APPLIANCES, CONTROL PANEL, AUXILIARY CONTROL DEVICES, ANNUNCIATORS, POWER SUPPLIES, AND WIRING AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.
- B. THE FIRE ALARM SYSTEM SHALL COMPLY WITH REQUIREMENTS OF NFPA STANDARD NO. 72 FOR SIGNALING SYSTEMS EXCEPT AS MODIFIED AND SUPPLEMENTED BY THIS SPECIFICATION. THE SYSTEM SHALL BE ELECTRICALLY SUPERVISED AND MONITOR THE INTEGRITY OF ALL CONDUCTORS.
- C. SHOP DRAWINGS: INCLUDE MANUFACTURER'S NAME(S), MODEL NUMBERS, RATINGS, POWER REQUIREMENTS, EQUIPMENT LAYOUT, DEVICE ARRANGEMENT, AND COMPLETE WIRING POINT-TO-POINT DIAGRAMS.
- D. MANUALS: SUBMIT SIMULTANEOUSLY WITH THE SHOP DRAWINGS, COMPLETE OPERATING AND MAINTENANCE MANUALS LISTING THE MANUFACTURER'S NAME(S) INCLUDING TECHNICAL DATA SHEETS (WITH MODEL NUMBERS TO BE USED INDICATED).
- E. WIRING SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL CODES (E.G., NEC ARTICLE 760). NUMBER AND SIZE OF CONDUCTORS SHALL BE AS RECOMMENDED BY THE FIRE ALARM SYSTEM MANUFACTURER, BUT NOT LESS THAN 18 AWG (1.02mm) FOR INITIATING DEVICE CIRCUITS AND SIGNALING LINE CIRCUITS, AND 12 AWG (1.63mm) FOR NOTIFICATION DEVICE CIRCUITS. ALL WIRE AND CABLE SHALL BE INSTALLED IN CONDUIT OR SURFACE METAL RACEWAY.
- F. THE MAIN FIRE ALARM CONTROL PANEL SHALL BE CONNECTED TO A SEPARATE DEDICATED BRANCH CIRCUIT, MAXIMUM 20 AMPERES. THIS CIRCUIT SHALL BE LABELED AT THE MAIN POWER DISTRIBUTION PANEL AS FIRE ALARM. FIRE ALARM CONTROL PANEL PRIMARY POWER WIRING SHALL BE 12 AWG. THE CONTROL PANEL CABINET SHALL BE GROUNDED SECURELY TO EITHER A COLD WATER PIPE OR GROUNDING ROD.
- G. THE MAIN FACP SHALL BE A NOTIFIER MODEL SYSTEM 500 AND SHALL CONTAIN A MICROPROCESSOR BASED CENTRAL PROCESSING UNIT (CPU). THE CPU SHALL COMMUNICATE WITH AND CONTROL SLAVE MICROPROCESSOR CONTROLLED MODULES WHICH PROVIDE THE INTERFACE TO INITIATING DEVICE CIRCUITS, NOTIFICATION APPLIANCE CIRCUITS, BUILDING CONTROLS. THE CONTROL PANEL SHALL BE CAPABLE OF BEING CONFIGURED FOR 4, 8, 12 OR 16 INITIATING ZONES. THE INITIATING ZONE MODULE SHALL PROVIDE FOUR OR EIGHT FULLY SUPERVISED STYLE B (CLASS B) INITIATING DEVICE CIRCUITS (IDC). THE NOTIFICATION CIRCUIT MODULE SHALL PROVIDE FOUR FULLY SUPERVISED STYLE Z (CLASS A). THE CONTROL PANEL SHALL BE HOUSED IN A UL-LISTED CABINET SUITABLE FOR SURFACE MOUNTING, CABINET AND FRONT SHALL BE CORROSION PROTECTED, GIVEN A RUST-RESISTANT PRIME COAT, AND MANUFACTURER'S STANDARD FINISH. AN OPTIONAL SEMI-FLUSH TRIM RING SHALL BE AVAILABLE FOR FINISHED INSTALLATIONS. THE MAIN POWER SUPPLY FOR THE FIRE ALARM CONTROL PANEL SHALL PROVIDE ALL CONTROL PANEL AND PERIPHERAL DEVICE POWER NEEDS, AS WELL AS 2.0 AMPERES OF 24 VDC POWER FOR NOTIFICATION DEVICES. THE BATTERIES ARE TO BE COMPLETELY MAINTENANCE FREE. NO LIQUIDS ARE REQUIRED. FLUID LEVEL CHECKS REFILLING SPILLS AND LEAKAGE SHALL NOT BE REQUIRED. SHALL BE 12 AMP-HOUR SEALED CELL-CELL TYPE, 12 VOLT NOMINAL. BATTERY SHALL HAVE SUFFICIENT CAPACITY TO POWER THE FIRE ALARM SYSTEM FOR NOT LESS THAN SIXTY HOURS PLUS 5 MINUTES OF ALARM UPON A NORMAL AC POWER FAILURE.
- H. THE 24 VDC ELECTRONIC SOUNDERS SHALL BE FIELD PROGRAMMABLE WITHOUT THE USE OF SPECIAL TOOLS, TO PROVIDE SLOW WHOOP, CONTINUOUS OR INTERRUPTED TONES, WITH AN OUTPUT SOUND LEVEL OF AT LEAST 90 dBA MEASURED 10 FEET FROM THE DEVICE.
- I. STROBE LIGHTS SHALL MEET THE REQUIREMENTS OF THE ADA, AND SHALL HAVE A 15/75 CANDELA OUTPUT UNLESS SPECIFIED OTHERWISE.
- J. MANUAL FIRE ALARM STATIONS SHALL BE NON-CODE, NON-BREAKGLASS TYPE, EQUIPPED WITH KEY LOCK IN ORDER THAT THEY MAY BE TESTED WITHOUT OPERATING THE HANDLE. MANUAL STATIONS SHALL BE CONSTRUCTED OF DIE FORMED ALUMINUM, WITH OPERATING INSTRUCTIONS PROVIDED ON THE COVER. THE WORD FIRE SHALL APPEAR ON THE MANUAL STATION IN LETTERS ONE HALF INCH IN SIZE OR LARGER. STATIONS SHALL BE SUITABLE FOR SURFACE MOUNTING ON MATCHING BACKBOX, OR SEMI-FLUSH MOUNTING ON STANDARD SINGLE GANG BOX, AND SHALL BE INSTALLED NOT LESS THAN 42 INCHES, OR MORE THAN 48 INCHES ABOVE THE FINISHED FLOOR.
- K. SMOKE DETECTORS SHALL BE 24 VDC, CEILING-MOUNTED, TYPE. THE DETECTOR SHALL BE OF THE PHOTOELECTRIC TYPE.
- L. AUTOMATIC HEAT DETECTORS SHALL BE LOW PROFILE, CEILING MOUNT TYPE WITH POSITIVE INDICATION OF ACTIVATION.
- M. INSTALLATION SHALL BE IN ACCORDANCE WITH THE NEC, NFPA 72, LOCAL AND STATE CODES, AS SHOWN ON THE DRAWINGS, AND AS RECOMMENDED BY THE MAJOR EQUIPMENT MANUFACTURER.
- N. ALL FIRE DETECTION AND ALARM SYSTEM DEVICES, CONTROL PANELS AND REMOTE ANNUNCIATORS SHALL BE FLUSH MOUNTED WHEN LOCATED IN FINISHED AREAS AND MAY BE SURFACE MOUNTED WHEN LOCATED IN UNFINISHED AREAS.
- O. PROVIDE THE SERVICE OF A COMPETENT, FACTORY-TRAINED ENGINEER OR TECHNICIAN AUTHORIZED BY THE MANUFACTURER OF THE FIRE ALARM EQUIPMENT TO TECHNICALLY SUPERVISE AND PARTICIPATE DURING ALL OF THE ADJUSTMENTS AND TESTS FOR THE SYSTEM.
- P. PROVIDE INSTRUCTION AS REQUIRED TO THE BUILDING PERSONNEL AND FIRE AND SAFETY PERSONNEL, "HANDS-ON" DEMONSTRATIONS OF THE OPERATION OF THE SYSTEM SHALL BE PROVIDED.



ARCHITECTURE & INTERIOR DESIGN
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FIRE CODE RENOVATIONS
BRISTOL MUNICIPAL FIREHOUSES
BRISTOL, CONNECTICUT

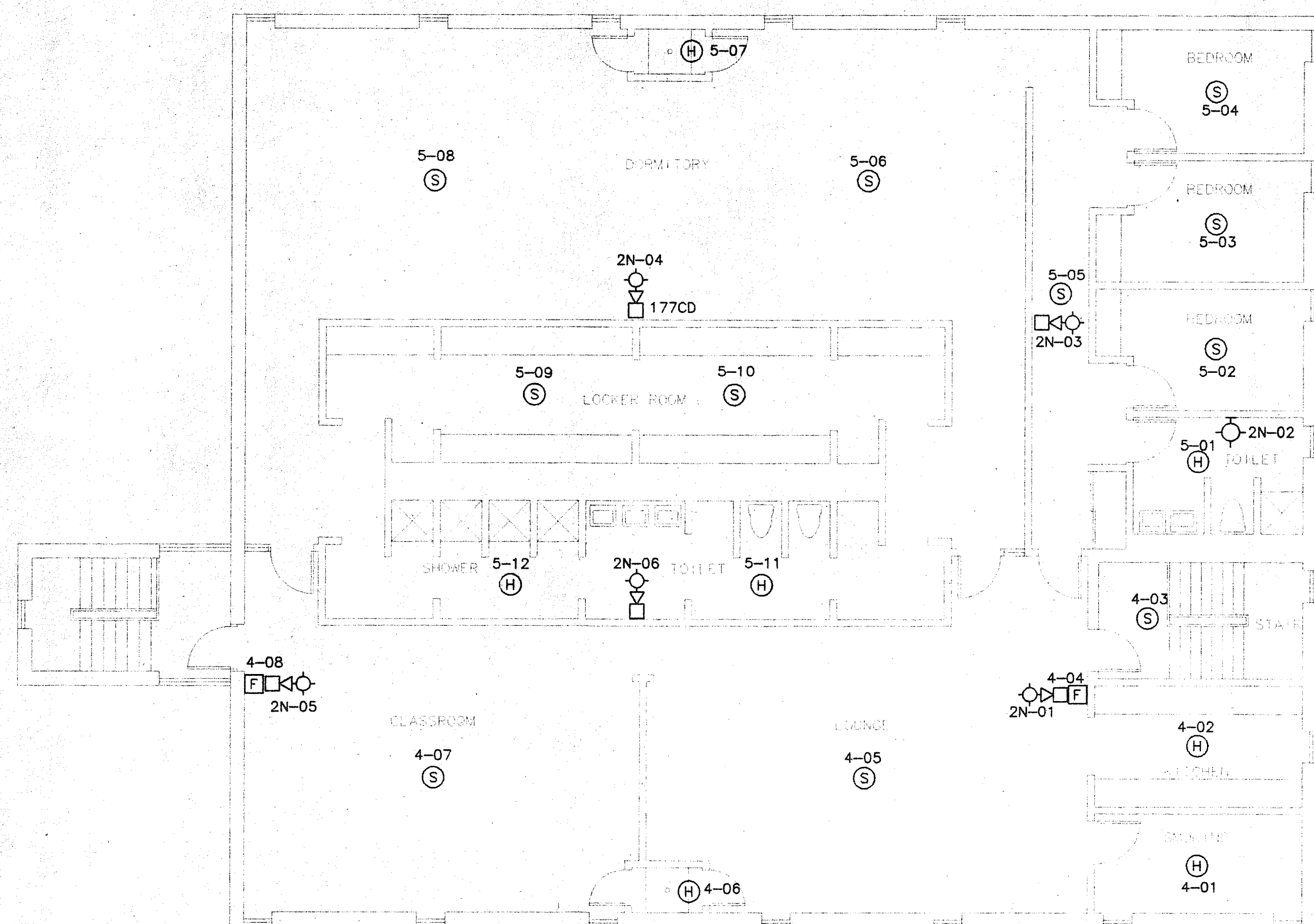
ELECTRICAL GENERAL NOTES AND
FIRE ALARM SYSTEM SPECIFICATIONS

SCALE: AS SHOWN

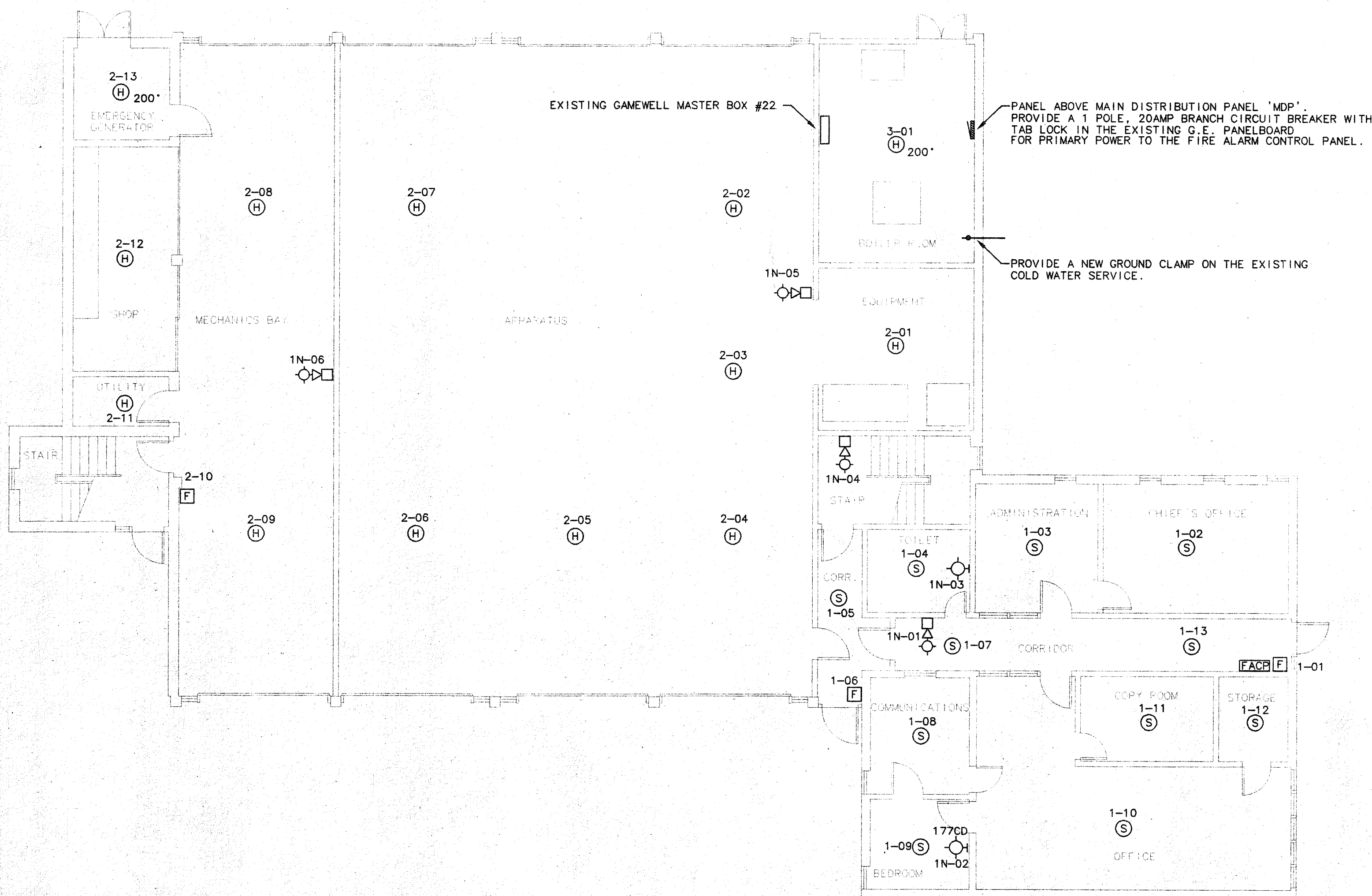
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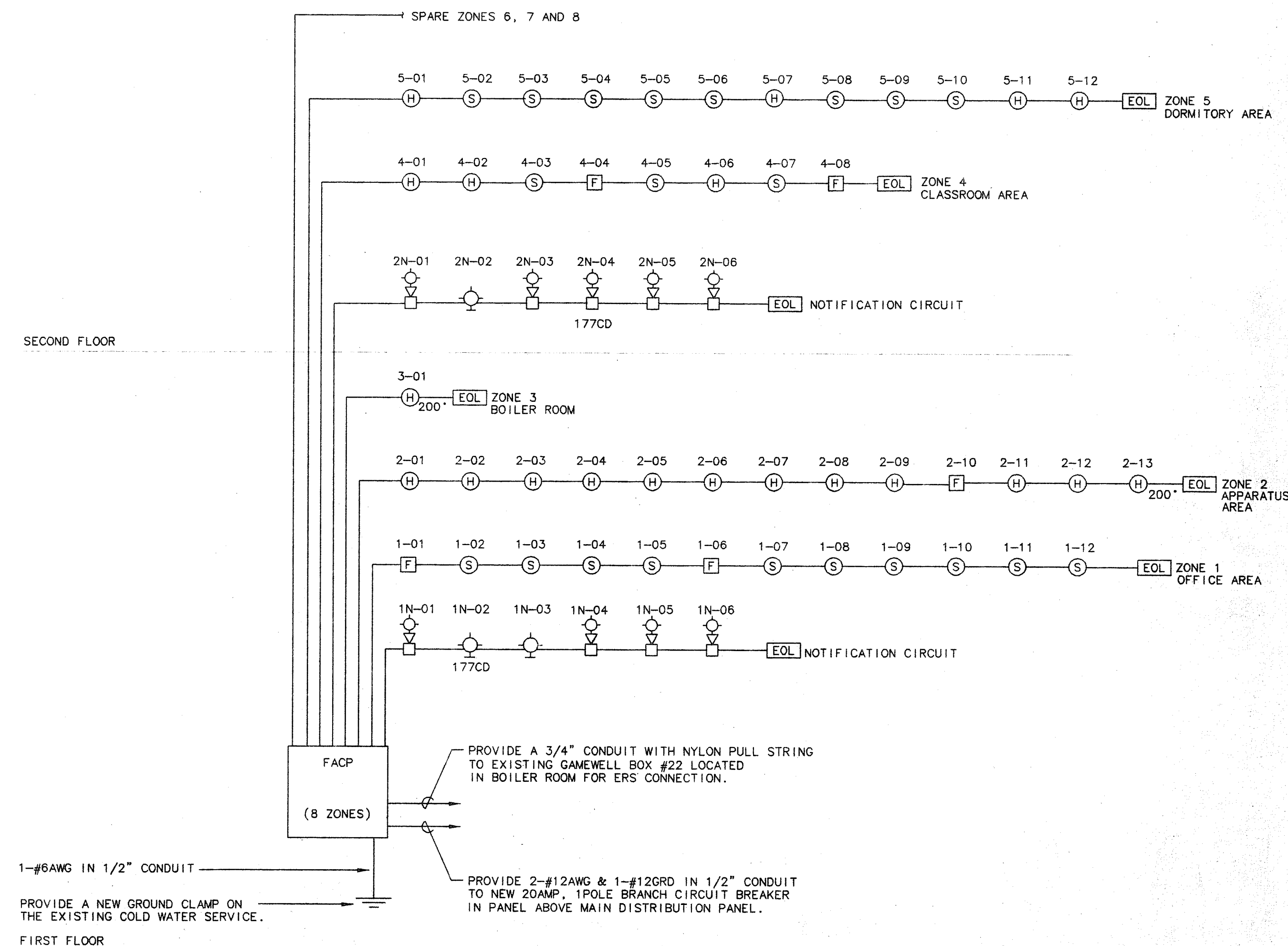


2 SECOND FLOOR FIRE ALARM PLAN - 181 NORTH MAIN STREET
SCALE: 1/8"=1'-0"

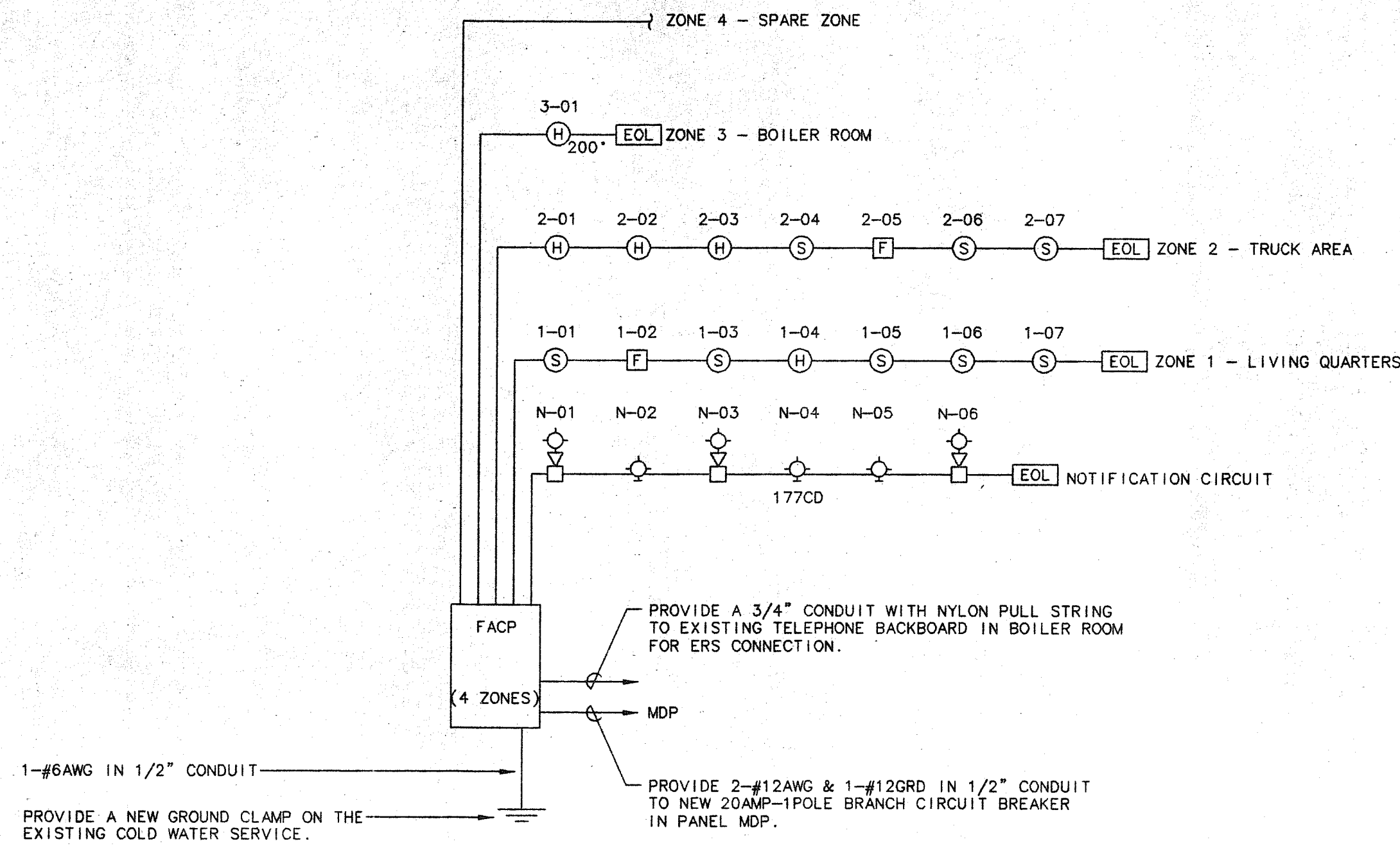


1 FIRST FLOOR FIRE ALARM PLAN - 181 NORTH MAIN STREET
SCALE: 1/8"=1'-0"

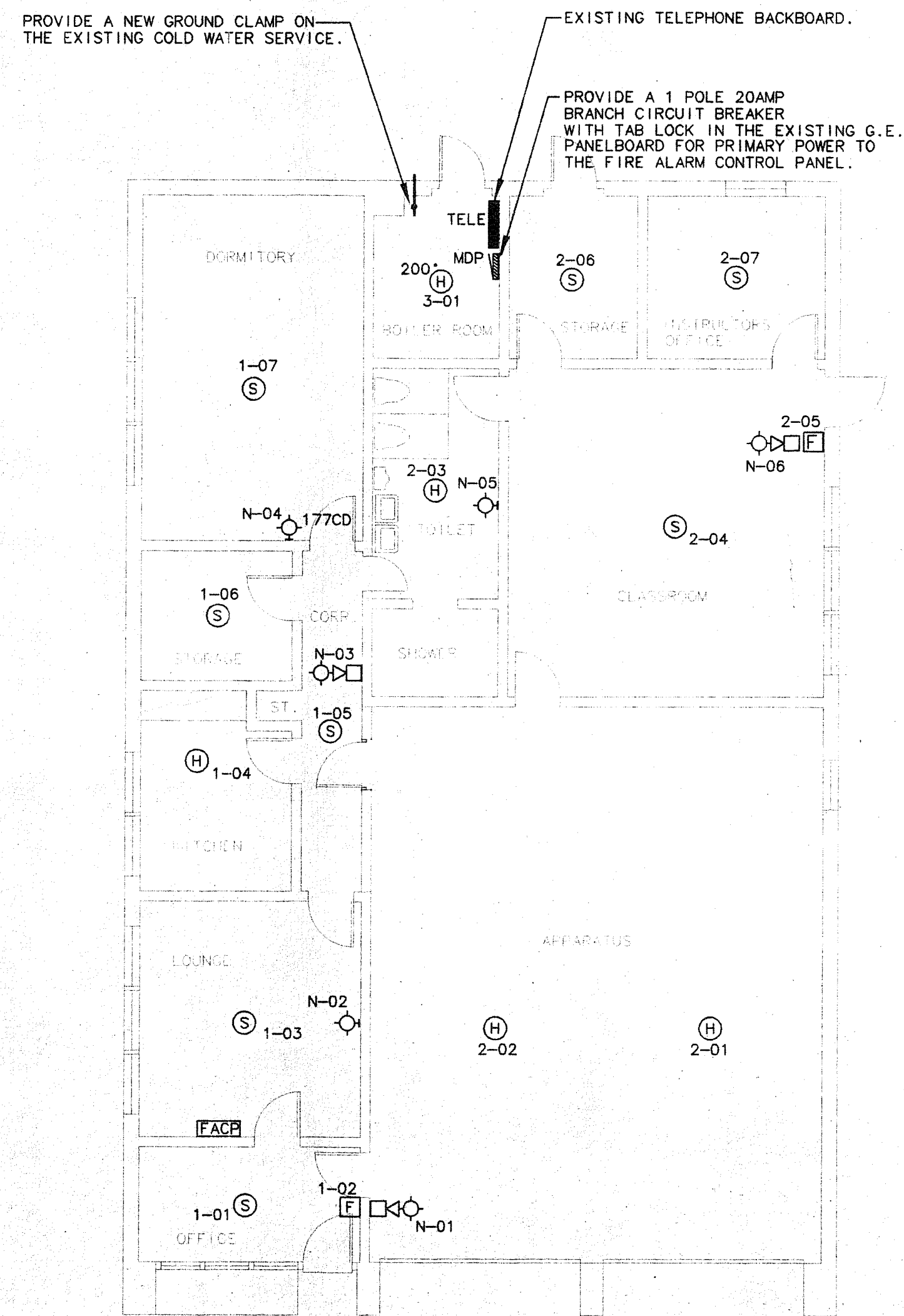
SYMBOL LIST	
[F]	- FIRE ALARM MANUAL PULL STATION.
[S]	- FIRE ALARM SMOKE DETECTOR
[H]	- FIRE ALARM HORN/ADA STROBE UNIT.
[H]	- FIRE ALARM ADA STROBE UNIT.
[H]	- FIRE ALARM HEAT DETECTOR, 135 DEGREE F.
[H]200	- FIRE ALARM HEAT DETECTOR, 200 DEGREE F.
[FAA]	- FIRE ALARM REMOTE ANNUNCIATOR.
[FACP]	- FIRE ALARM CONTROL PANEL.
[EOL]	- END-OF-LINE RESISTOR
[H]177CD	- FIRE ALARM HORN/ADA STROBE UNIT, 177 CANDELA.
[S]177CD	- FIRE ALARM ADA STROBE UNIT, 177 CANDELA.



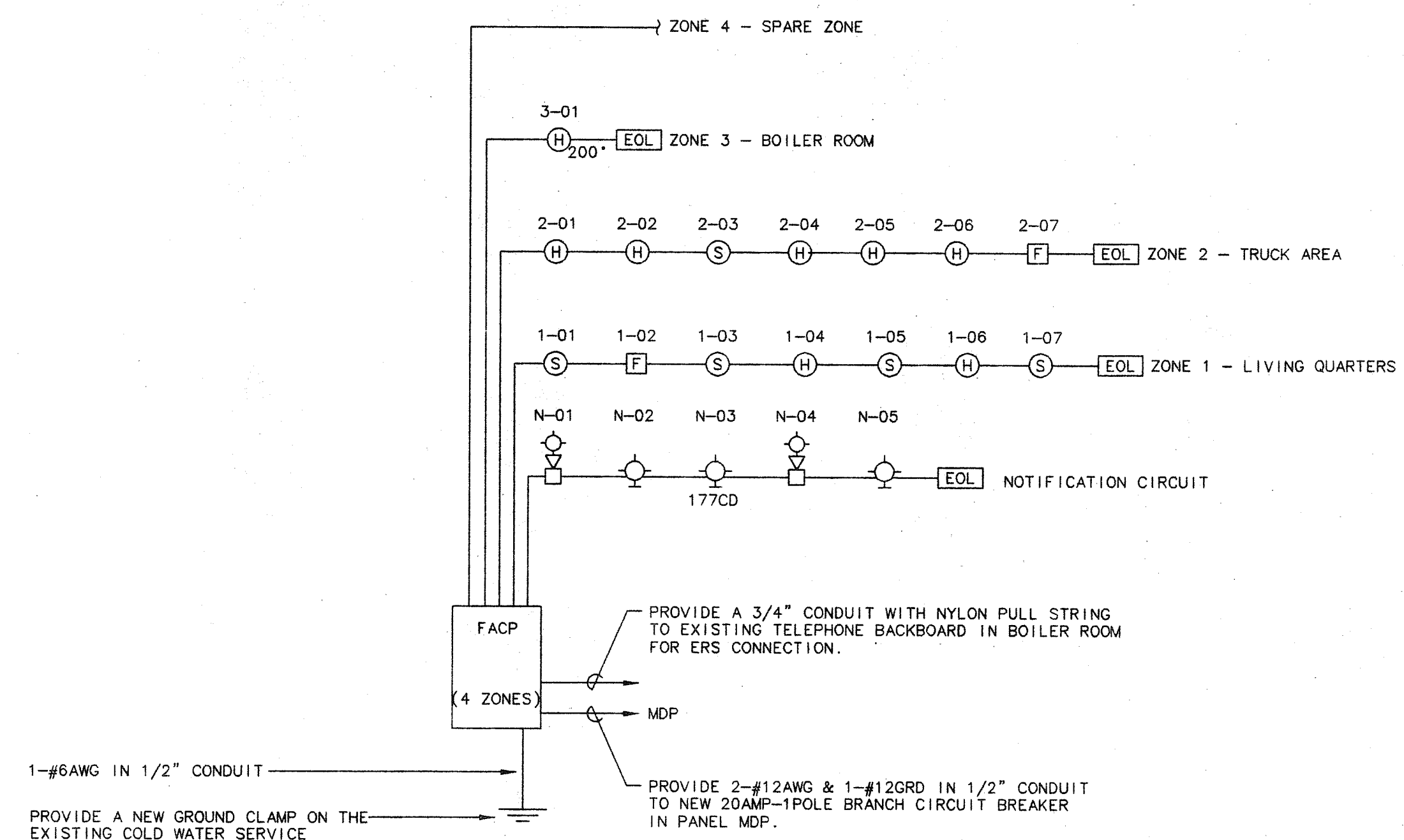
3 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.



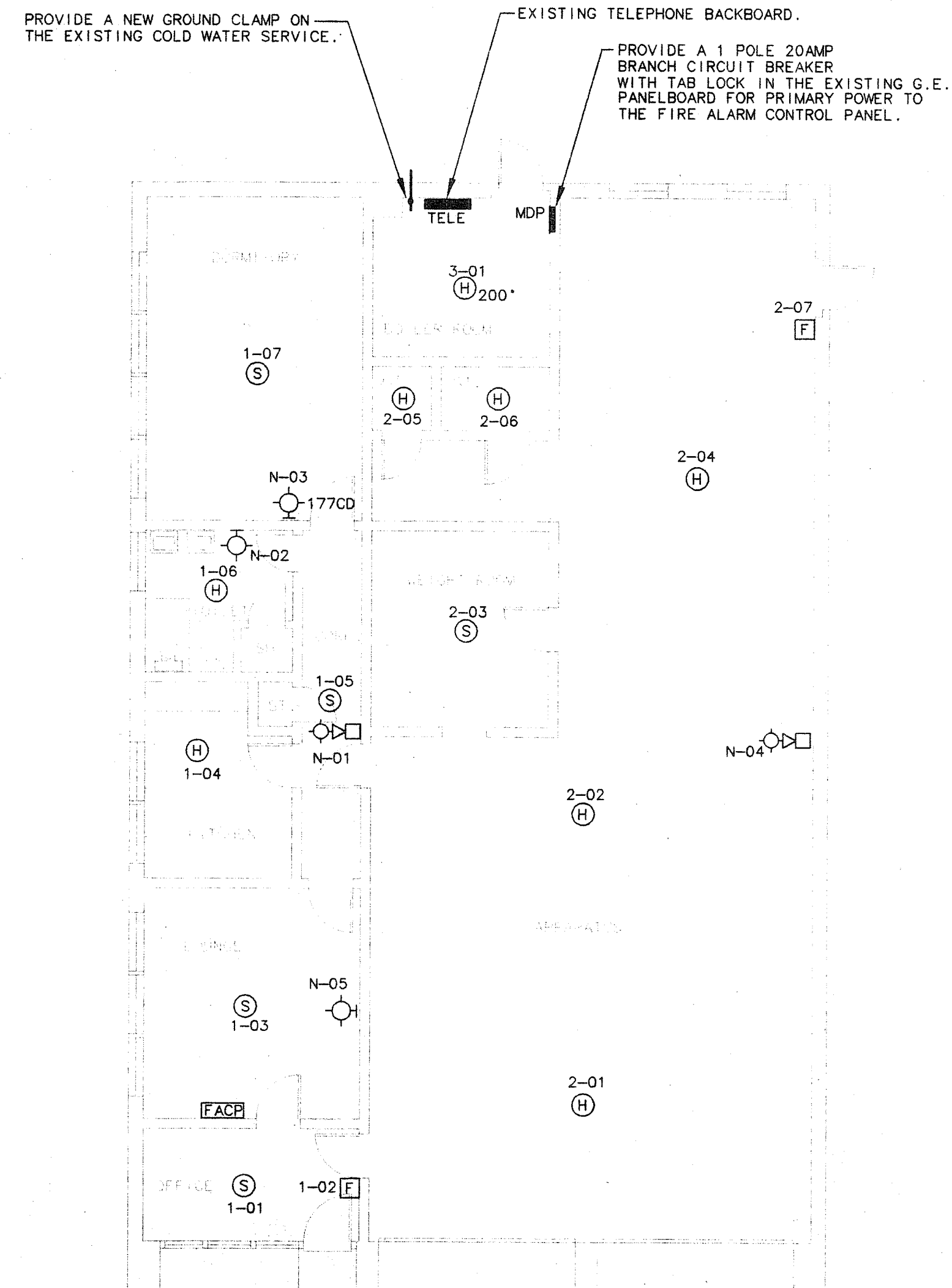
3 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.



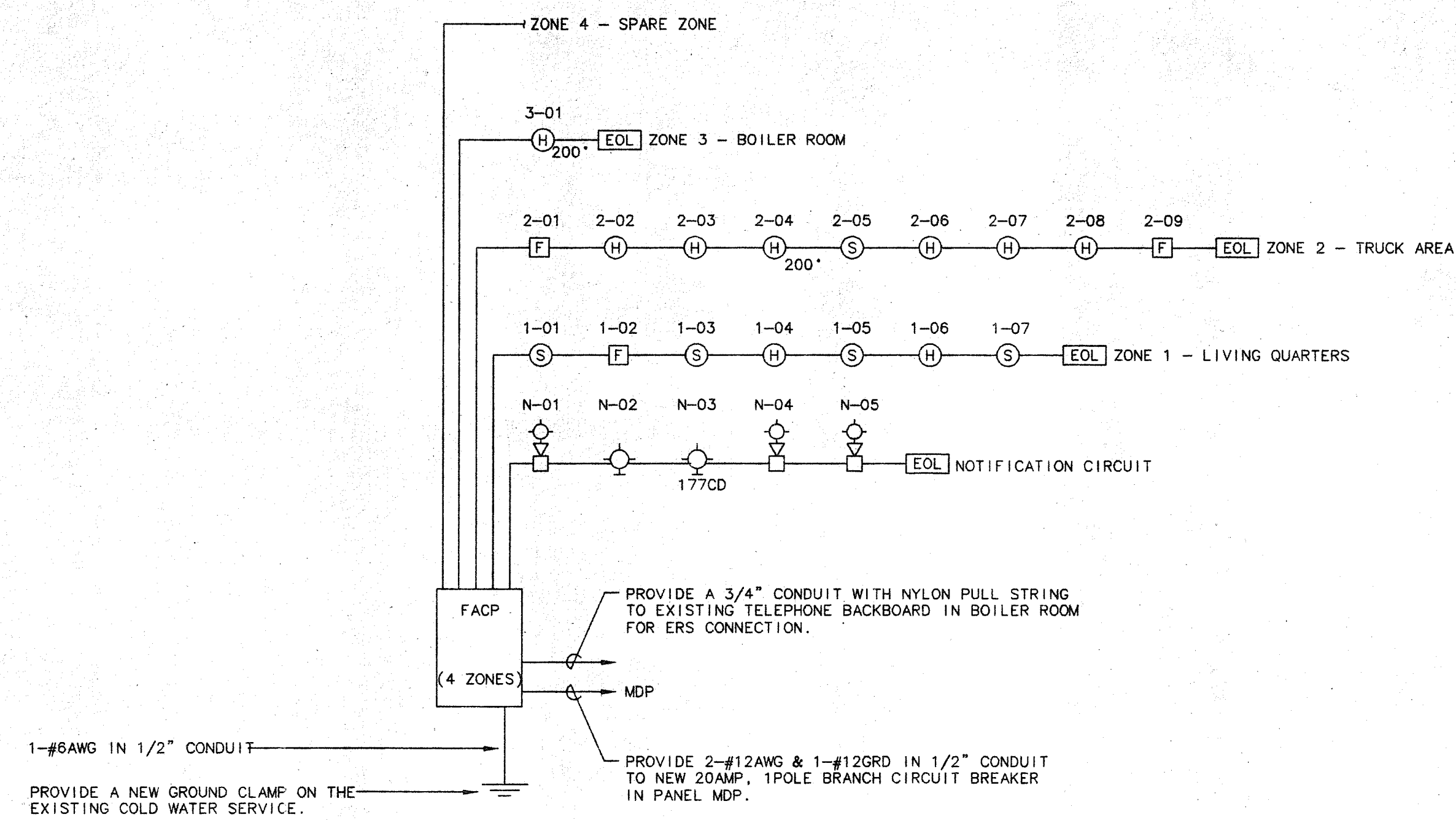
1 FIRE ALARM FLOOR PLAN - VINCENT P. KELLY ROAD
SCALE: 1/8"=1'0"



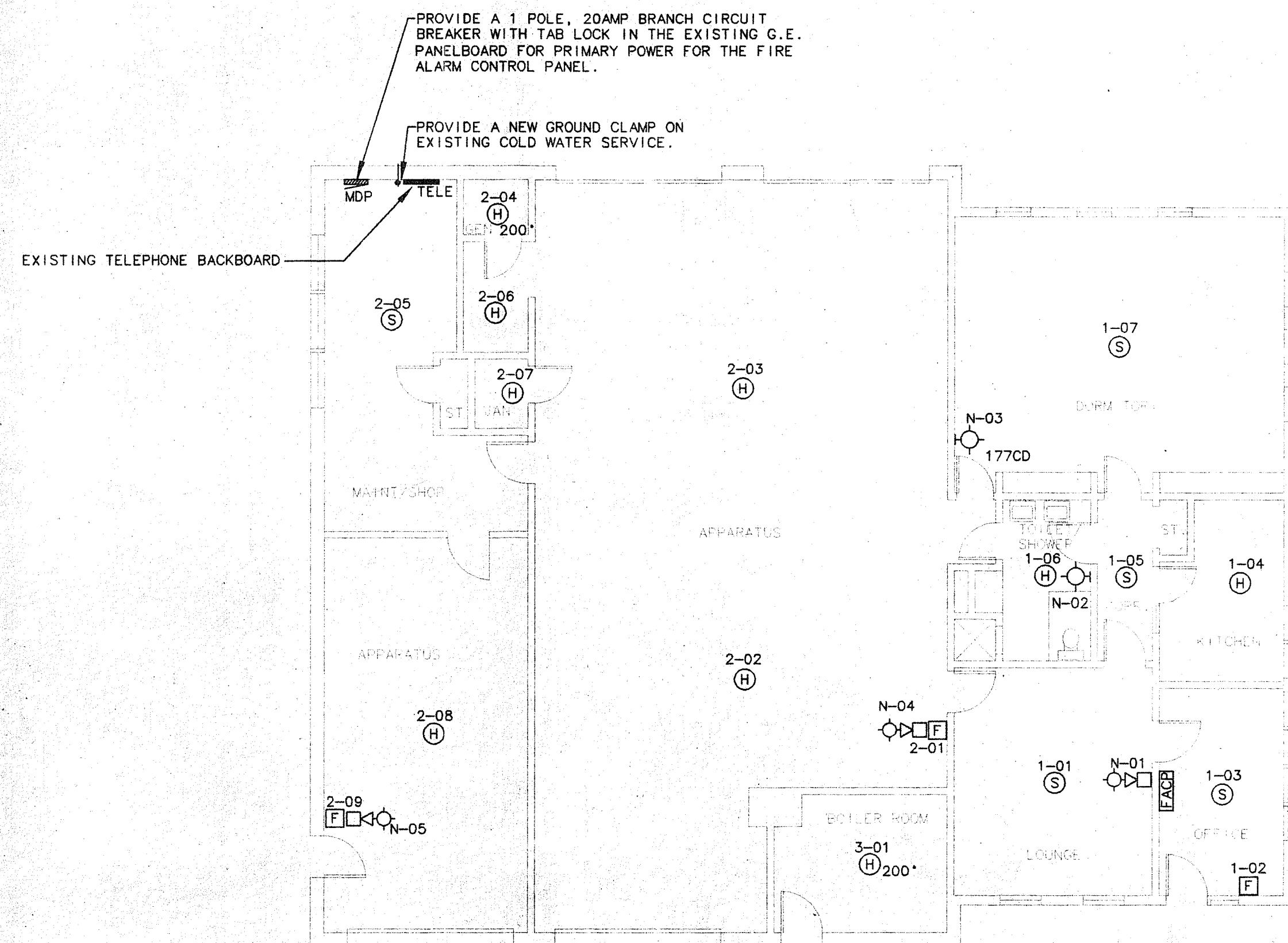
4 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.



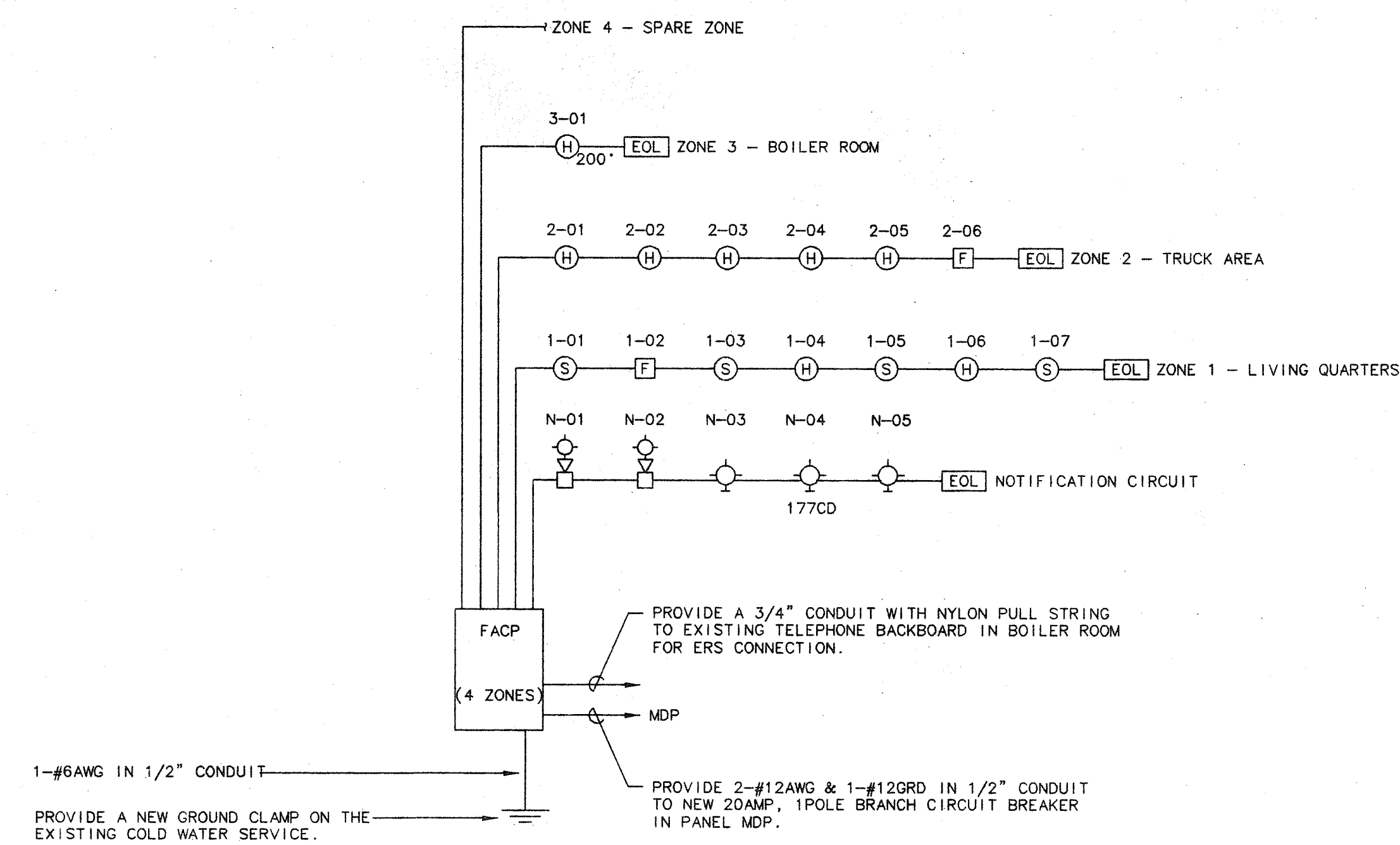
2 FIRE ALARM FLOOR PLAN - MIX STREET
SCALE: 1/8"=1'0"



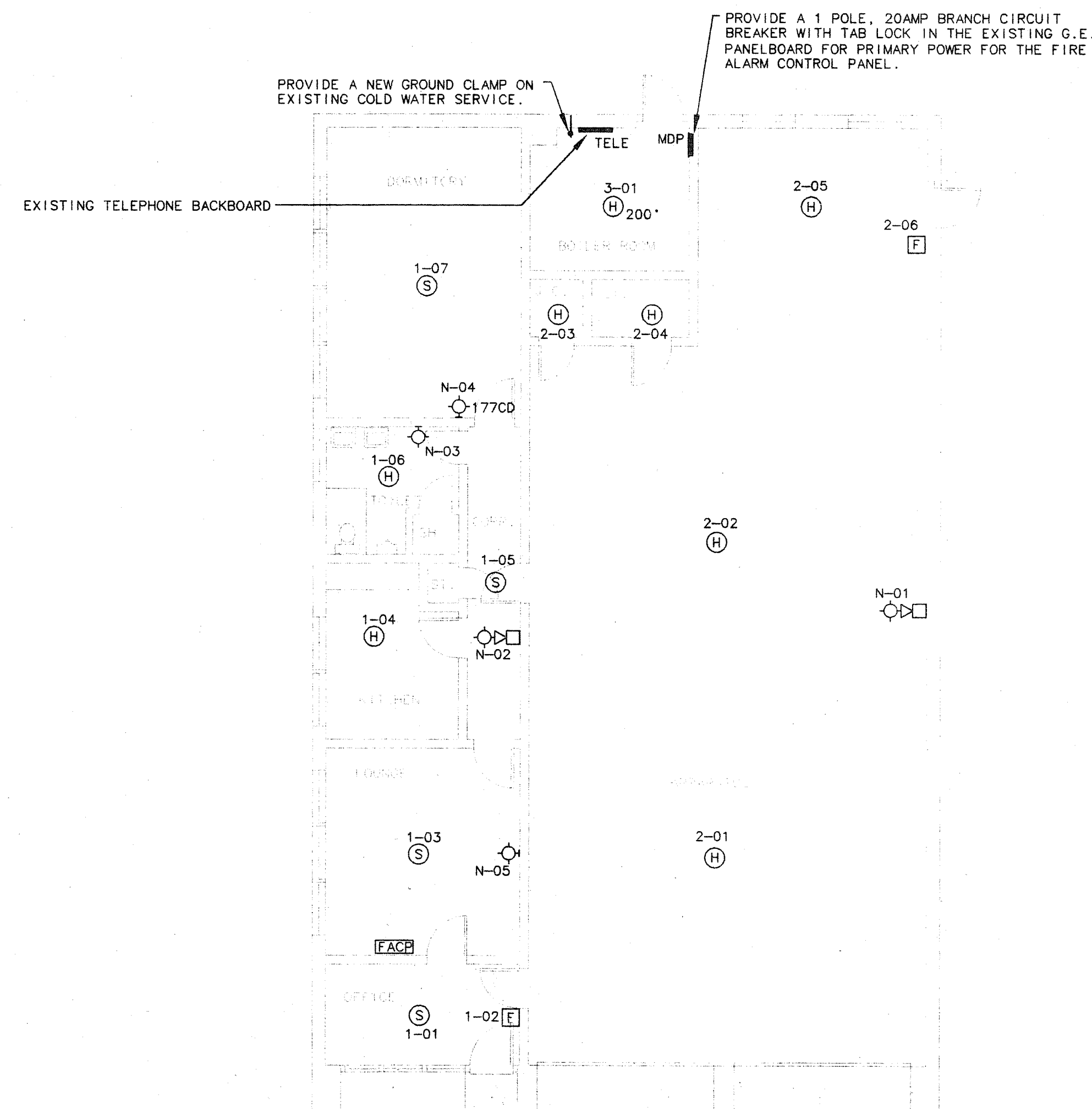
3 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.



1 FIRE ALARM FLOOR PLAN - 151 HILL STREET
SCALE: 1/8"=1'0"



4 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.



2 FIRE ALARM FLOOR PLAN - 83 CHURCH AVENUE
SCALE: 1/8"=1'0"